

# Vhf-UhfDIGEST

The Official Publication of the Worldwide TV-FM DX Association

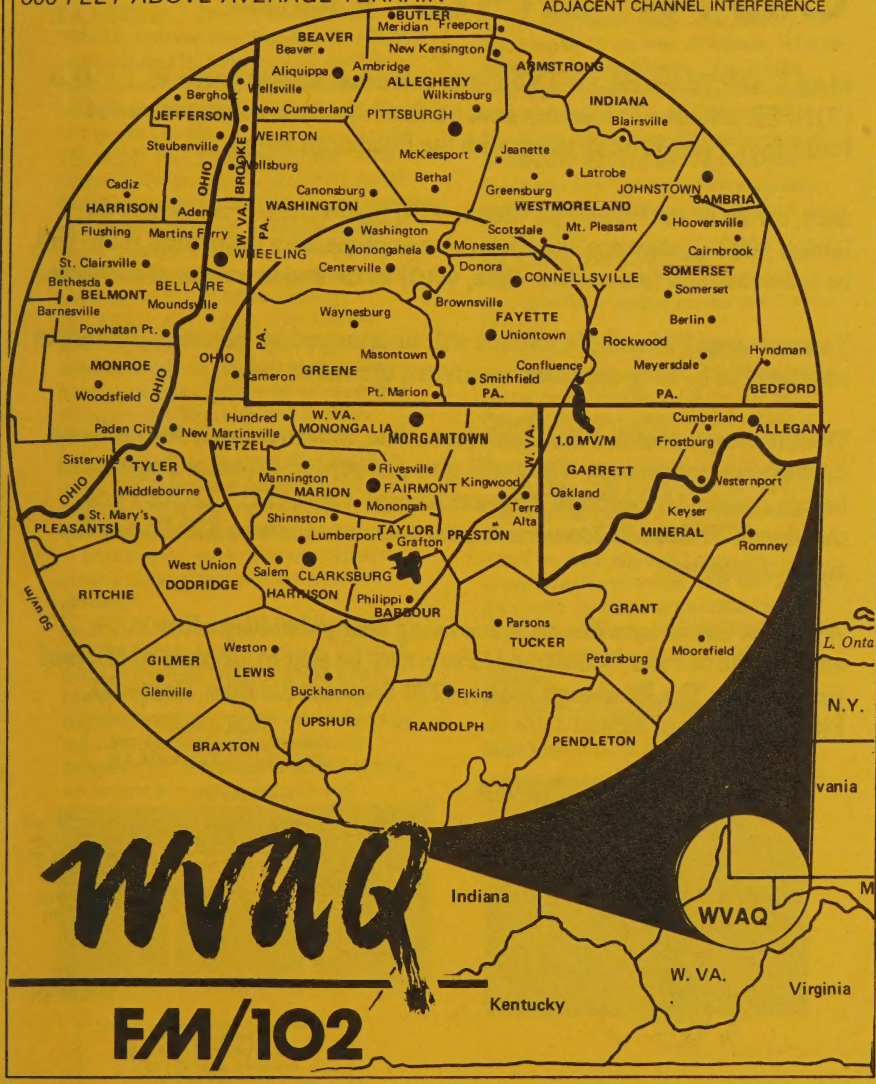
SEPTEMBER 1992

## 50,000 WATTS

**STEREO**

500 FEET ABOVE AVERAGE TERRAIN

THE 50  $\mu\text{V}/\text{m}$  CONTOUR IS FOR  
COMPARISON PURPOSES ONLY  
AND MAY NOT BE FREE FROM  
ADJACENT CHANNEL INTERFERENCE



# WTFDA '92 CONFERENCE

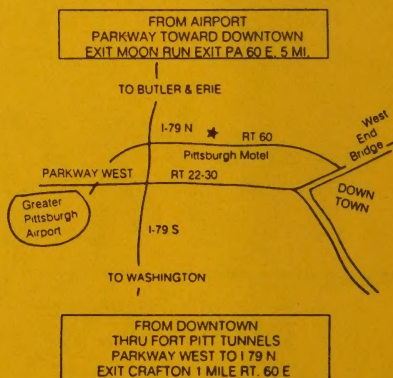
MARK SEPTEMBER 11-13 on your calendars for this year's W T F D A CONFERENCE! Conference host Michael Goetsch welcomes you to Pittsburgh, Pennsylvania along with the Pittsburgh Motel.

Jack, owner of the Pittsburgh Motel, 4270 Steubenville Pike, Route 60, invites 1992 Conference attendees. A complimentary hospitality room will be provided with free coffee! Plus, you'll be invited to construct antennas.

Tours of local FM and TV stations will be arranged by Michael. Attendees interested in holding seminars are invited to contact him.

The Pittsburgh Motel, 1992 Conference Site, is conveniently located near the turnpike and airport. They will give pre-paid Conference Registrants before August 16 Preferred Accommodations! Call (412) 922-1619 and mention WTFDA 1992 to reserve your room at as low as \$29.50 per day single occupancy.

A modest Conference Fee of \$12 is being charged to help offset administrative costs. Conference Fee's may be sent in advance to Michael Goetsch, c/o The Pittsburgh Motel, 4270 Steubenville Pike, Route 60, Pittsburgh, PA 15205.





# QSL CORNER & LOGOS RUN

Thomas J. Yingling, Jr.  
221 Pinewood Road  
Baltimore, MD  
21222-2345  
410-282-5649

PA WEFR 88.1 Erie, % Family Radio, 2906 Mt. Ephraim Ave, Camden, NJ 08104. I got back my PFC (*prepared file card for verification of reception*) back with a business card signed by Mike Zeimann, Mgr. in 3 weeks. (Ross)

CO KTLF 89.7 Colorado Springs, 1802 Chapel Hills Dr., Suite A, zip 80920. Letter back from Barbara Elliott, Member of Board of Trustees answers on letterhead of another board member, Ronald A. Johnson, MD. Supplied a brief QSL, mentioning they have since moved to 90.5 MHz. (Elving)  
CO KVRH 92.1 Salida, 7600 Country Road, zip 81201. Letter from William J. Murphy, President verified, said they have been heard from a listener 60 miles north of Calgary, AB. They also send a station profile, and info on market. (Elving)  
CO KSPK 102.3 Walsenburg, Box 1210, zip 81089. Letter from Annette Geiser, GM who sends brief report and station brochure. She also mentions about soon power increase to 17,000 watts, and believes my report the greatest distance they are have received. (Elving)

IL WDLM 89.3 East Moline, P. O. Box 149, zip 61244. Glenn Rogerson, CE sends QSL Card and my letter back with a note saying they were heard 5 to 6 years ago in Boynton Beach, FL "where we also have an owned & operated station on the same frequency!?!?" (his punctuation) "Yours is the farthest in recent years." (Elving)

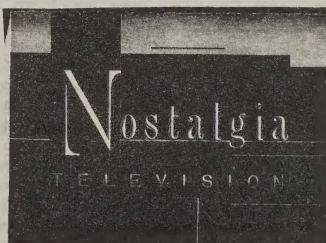


MN KSRQ 90.1 Thief Rivers, % Thief River Falls Technical College, Highway One East, zip 56701. Letter from Donald H. Jorstad, Station Manager expressing surprise at being heard in Esko saying "our students seldom believe that anyone really listens." Also send bumper stickers and cap. (Elving)  
WI WOFR 94.7 Mosinee, P. O. Box 1206, zip 54402-1206. Long handwritten letter from Roger Watson, Corporate Engineer apologizing for delay in writing because of time spent in putting the new station on the air. It's on 24 hours a day. Xmt'r site city of Poniatowski, 23 km west of Wausau, WI with studios downtown Wausau. "You are the most distant human being being we've heard from by far mentioning other reports from Green Bay, Black River Falls, Rhinelander, & Marinette however nothing beats your distance to date." Also send coverage map, station data, and invited me to stop by & get a tour. (Elving)

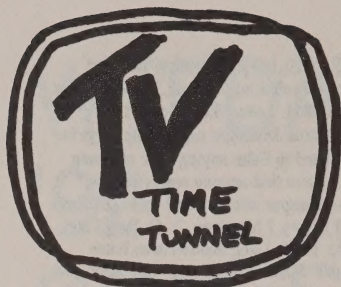
WI WHBM 90.3 Park Falls, W4551 Highway 182, zip 54552. Roger Strand, CE send short letter several months after I wrote. (Elving)

AB CKUA-FM-1 93.7 Calgary, % Access Network, CKUA-AM-FM, 4th Floor, 10526 Jasper Ave., Edmonton, AB zip T5J 1Z7. Friendly, but very inspecific letter of "verification" from Monika Martin, Program Coordinator says "You did indeed pick up CKUA-AM-FM" which is wrong because it was only CKUA-FM-1 which I reported heard. This letter came after I called, and she called me back, and then I sent a post card re-reporting the reception after two failed to get a verie. Sent a program schedule and large 60th anniversary book on the history of CKUA and its network of FM stations. (Elving)

MI WRKR 107.7 Portage, 9835 Portage Rd. zip 49002-7258. PFC & qsl card back from Mike Childs, DJ in 2 weeks. (Ross)



CONTINUED ON PAGE 48



WRITTEN BY TOM BRYANT, 849 TODD PREIS DR.,  
NASHVILLE, TENNESSEE 37221 (615-646-2000)

[SPECIAL THANKS TO FORMER WLW STAFFER L. K. PATTON OF FT. THOMAS, KY FOR THE LOAN OF HISTORIC RESEARCH MATERIAL USED HEREIN.]

This month, an introduction to the WLW empire...specifically to the man who founded it. It's fascinating stuff, and I hope you enjoy it as much as I did while researching the subject. There's a lot more to come... next month...Crosley's television ventures. Meanwhile, **SEE YOU SOON IN PITTSBURGH ! ! !**

#### POWEL CROSLLEY, JR.; the man

#### CROSLLEY BROADCASTING; the legend

PRELUDE: Although the history of WLW and Crosley Broadcasting is long and illustrious, I was intrigued to learn that the man who founded it was even more fascinating than the broadcast giant itself. With that in mind, this synopsis of one of America's most famous operations opens with a look at Powel Crosley, Jr. His life and career were as unusual as the spelling of his given name. Only the highlights of his long and productive career are included here; a more comprehensive biography is available in the 1971 Prentice-Hall book "Not Just A Sound...The Story of WLW" written by Dick Penny. Because of the extreme importance of Crosley's widely varied business empire, this month's column will dwell on the early years, and we'll move into the television aspect next month. Please bear in mind that attempting to condense Crosley's story to two pages is tantamount to trimming both volumes of "TV Factbook" to the size of a postcard!

Powel Crosley, Jr. was a complex being. His first love was cars, and he raced them as a young man. He began his college career in engineering, but was pressured by his father to change to a law curriculum. At one point he quit college to become a chauffeur, simply so he would have a car to drive. The law studies were short-lived, and Crosley eventually received a degree in engineering. Other career branches included a job selling bonds; telephone lineman, and advertising copywriter. He built his first car, the "Marathon Six", in 1907. The prototype cost him \$10,000; but the production model was to sell for about \$1,700. World War One ended that project, and he drifted from job to job in the automotive field in cities in Michigan and Indiana.

Returning to Cincinnati in 1911, he started his own shop to fabricate auto accessories. One of the gadgets he conceived and marketed with great success was a flag holder which mounted on auto radiator caps. He is credited with inventing the first automotive fuel additive, "Gastronic". These and several other products turned out to be big sellers, and Crosley was well on his way to becoming a wealthy man prior to his first brush with radio in 1921.

In response to pleas from his son, he went shopping for a wireless receiver. Shocked at the \$100+ price tags, he wound up buying a 25¢ book and \$30 worth of parts; and built his own! One of the first things he heard was KOKA in Pittsburgh. He was hooked!

Crosley was so intrigued with his \$30 radio that he took it to the crew at his auto accessory plant and had them duplicate it. He felt that if he could mass produce a reasonably priced receiver, thousands more people could be introduced to the new medium. He was right. The initial selling price for the first Crosley radio was \$20, including earphones.

Now...why should people buy his radios? Crosley figured that he ought to begin transmitting programs to stimulate demand, and started 20 watt experimental station 8XAA in 1921 to do exactly that.



## TIME TUNNEL/Crosley--page 2

The idea clicked. Radios were selling like hotcakes. Crosley immediately began designing and manufacturing improved (but still moderately priced) receivers. At the same time he quickly expanded his broadcast facilities. Just a year later (1922) he was granted a commercial license and the call letters WLW. By 1928 the station had become one of a handful of 50,000 watt giants!

It didn't stop there. Crosley reasoned that people would enjoy radio in their cars as well as at home, and in 1930 he patented the "Roamio"...America's first battery powered car radio. Convinced that the more people his station could reach, the more radios he could sell; he lobbied for and was granted an experimental license permitting WLW to transmit with 500,000 watts. The super-power operation began in 1934 with President Franklin Roosevelt pressing a telegraph key in the White House to fire up the 500 kW monster. WLW was heard around the world...no other station was as powerful!

The dominance of WLW came under fire from the press and other broadcasters (all green with envy, I presume), and 5 years later, in 1939, the experimental high power grant was rescinded and the station was forced by the government to return to 50,000 watts.

No matter; the radios were still selling like crazy; and so were a lot of other Crosley products. There was the non-electric ammonia activated "ICY-BALL" refrigerator. The X-ER-VAC scalp massager (also touted as a hair grower). A FAX-type transmission system to deliver news to homes and businesses. An unsuccessful attempt at a 35mm camera. Several types of clocks. A bottle cooler. A pharmaceutical product called "Peptikei" (no word on what it was for). There was "Tredcote", a tire patching compound. A cross between a tricycle and a stroller called "Baby-Go-Bi-Bi". Or how about "Driklenit"...an auto polish? The tinkerer-turned-broadcaster was cranking out new products at an incredible rate...and marketing them on his radio station. He even bought the Cincinnati Reds in 1934 and, of course, broadcast their games on WLW. Profits went through the roof!

Strangely enough, the loss of the super-power status dampened Crosley's enthusiasm in radio; and in 1939 he decided to remove himself from day to day operations at WLW so that he would have more time to concentrate on his first love...cars. But this time, it was a specific car...one of his own design...the Crosley. His devotion to the Crosley line of mini-cars was all-consuming; so much so that in 1943 he sold WLW to business partner AVCO. He pursued the auto venture until 1952 when (after three years of million dollar per year losses) he sold the auto plant and went into semi-retirement. Powel Crosley, Jr. died in 1961 at age 75.

This fascinating man was a bit of a mystery. He married four times. Many described him as cold and hard, but others spoke of him as kind and gentle. He was a shrewd businessman and surrounded himself with competent associates. In a way he was a genius; in another sense an oddball. He had a reputation of being a frugal employer (the WLW staff roster was somewhat of a revolving door), and yet he would spend millions on ideas thought by many to be totally unrealistic. His entry into the broadcasting field was a quirk, and the business was never the apple of his eye. He had an insatiable thirst for power, and was thought by many to be an extreme egotist. [I can't help but feel that this man was the Ted Turner of the early days of radio!]

AVCO, WLW's new owner, picked up where Crosley left off; and went on with innovation upon innovation in both technical and programming areas. The company first dabbled with television in 1939, and developed and sold tv receivers under the Crosley name until the early 1960s. Serious involvement with television began in 1946 when W8XCT (experimental) was on the air for an hour a day. Operation expanded to 20 hours a week in 1947, and the company was granted a commercial license for WLWT channel 5 in 1948. That's where we'll pick up the story next month.



# FM NEWS

Bruce F. Elving, Ph.D., Editor  
241 Anderson Road  
Esko MN 55733-9413

Contributions earnestly solicited!

## Readers' Reports and Stereo Happenings

W. R. McIntosh came through with the news I was waiting to hear—that KLLA 99.5 Los Angeles retains stereo! This is great news for DXers, since that red light will be blazing as KLLA helps fatten your logs. The station mainly has "one religious talk program after another," says Mc. "Problem is I can't stand listening to them." But later that evening, Mc reported: "Yes, they have music—a beautiful program of spirituals tonight." While music may be endangered on 99.5, let's hope the species does not entirely disappear, so that the station has a reason for keeping that beautiful stereo light on people's receivers.

Steven West corrects on the nonIDs (misIDs?) of WMYJ 106.5 Pocomoke City MD and WKRE 107.5 Exmore VA. They're MY 106 and MY 107. "Maybe I heard it wrong but it sounded like Y106 and Y107. The narrow IF filters may have caused the mistake through distortion of the audio." [Filters that degrade the audio—horrors!] He said WIBF-FM 103.9 Jenkintown PA is being sold, and I just heard from Jarad Broadcasting near NYC (WDRE 92.7) that they are buying it subject to FCC approval. This is causing all the ethnic broadcasters to panic and head for the SCS hills. If you're a local area fan of WIBF-FM's ethnic programs, better get yourselves an SCS unit!



1600 STEWART AVENUE • WESTBURY, NY 11590

Mike Hawk reports that KIWR \*89.7 Council Bluffs will continue to be a DX target through the end of the year. The college has granted them more time to get their financial act together. "In response, KIWR has had many fund raisers. . . Even their bumper stickers cost \$5 each! There was a good response from the public, so IWCC gave them an extra six months." Mike notes that KRGR Albert Lea MN has not yet moved to 94.9, still 95.3, but KNOD Harlan IA has migrated from 105.5 to 105.3 and added the exciting dimension of stereo to its emissions. "All of us on the 'Big O' Team (NRC DX '92) thank you for your mentions of the convention in your section in VUD. . . Even though there was a last minute change of sites from the Quad Cities to Omaha (the original host had to resign from hosting it), we hope for a good turnout. The half price airline tickets helped boost support."

A buyer of my "FM Atlas," Chris Cuomo, notes "a diminutive station on 90.5 KGNR (in quotes) with .1 watt at 30 meters in Englewood CO. Is this station licensed? My guess is that it is an unlicensed 'Part 15' station that assigned itself its own call (thus the quotes). . . I have a Ramsey FM-10 stereo .1 watt transmitter for 88.7 mhz [in Verona PA] which I will use once I get some programming material in line. . . Is the experimental KA2XXZ Columbia FL still on the air? I have heard that KA2XXZ is off the air, incidentally." [Perhaps DXers in north FL can check to see if KA2XXZ is on or not.]

Bill Cheek, Commtronics Engineering, sends a press release about an RS-232 interface to control scanners, such as the Radio Shack Pro-2006. If you can tolerate FM DXing on that unit (I can't!), then you might be able to benefit from his interface. It's a \$169.95 + \$5 shipping item, so you might want to write PO Box 262478, San Diego CA 92196-2478 for his filers.

AL FM changes are the subject of a letter from Madison C. Brumbach, who mentions the new WLBI 98.7 Warrior AL, serving Jasper, and nearby WFFN 95.3, having been on 92.9, while many AM stations in his area are having financial troubles. "Some AM stations just ought to close up shop" because all they are doing is duplicating FM. "Some AMs are needed though because of news, but news can be transferred to FM or can be watched on TV anyway."

Douglas E. Smith says WNOX 99.1 Loudon and WJCF-FM 99.3 Jefferson City are parallelcasting in b (although M Street Journal says "m"), with billboards in Knoxville promoting as Double 99 FM with exact frequencies given. "I think this solves someone's UNID of a month or two ago [in the VUD]." TN's WAYA 93.9 is the only secular "Way" station Doug's ever heard, and W291AA 106.1 Knoxville is on the air, as is a WXST 105.3 Loudon, translator in Knoxville on 96.7.

Don L. Moody corrected an erroneous call letters listing for Little Rock that was in the VUD a couple months ago. "Whoever gave you the information on the 89.1 and 90.5 call letter change gave you the wrong information. I support both KUAR and KLRE. Each year both stations have a fund raising festival. . . I receive the KUAR and KLRE program guide. . . Nothing has been mentioned in any of the guides about any call letter changes. I listened to both stations [recently] and found the 89.1 frequency using the KUAR call letters and the 90.5 frequency using the KLRE call letters. . . I like the larger print listing of formats at the back of the book better than the ones on page 8." [The 13th edition had the larger print formats at the back. About KUAR-KLRE, I wonder if they jointly publish the same program guide?] Don goes on to mention two AR stations which are silent: KSNE 104.3 Marshall, its FM translators and AM affiliate are "no longer on the air. . . Marshall is a small, poor town in the Ozark Mountains of north AR. Population 1318." And KLRA-FM 96.5 (and AM) England is still off the air.

When I DXed WWIS-FM 99.7 Black River Falls WI earlier this summer, they wrote back and sent a copy of a letter Greg Coniglio sent them, reporting reception in Williamsville NY. It seems FM stations remember WTFDAers!

Ken Onyschuk said WVVX 103.1 Highland Park IL "still dominates with ethnic format," and probably does its dominating because of being monophonic, and sticking out like a sore toe to DXers. "An early June article locally suggested WWHN AM Joliet bought WTAS 102.3 Crete, but I called WCGO AM/WTAS FM and Steve Penn told me WWHN was only leasing the time on WTAS." Ken got the letter to me with a 2¢ stamp on it, marked "1st Class Mail, Ref. 1789 U.S.

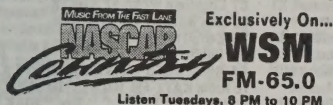


Statutes at Large." Now, Ken, you shouldn't cheat the postal service like that!

Somebody sent a NY Times article July 5 on architecture-radio towers as art! It pictures several of them without identifying the broadcasters involved, as "upstart," "lioness," "triplets," "dream," and "lion."

FM filters' king Bill Nienajadly sent diagrams on how to install filters in parallel. "Bruce, I really think if you start producing Tim McVey's five filter IF amp board circuit (see Nov. 1990 VUD), you will get quite a bit of sales! You could produce boards for \$12 each and sell them for \$20 less filters. Give it a try." I'm not trying to look for ways to get more involved in getting money out of DXers, but I will save Bill's information for possible later use.

Tom Bryant "thought you'd get a bang out of the enclosed clipping. Of course, they meant AM 650, but that got lost somewhere in the process. . . Since the date



MUST BE SOMETHING WRONG  
WITH MY FM TUNER. I TRIED  
EVERY TRICK IN THE BOOK  
BUT COULDN'T FIND 65.0!

for the convention has been changed to September, there is a good chance that I may be able to make it after all. . . The W4XA station was NOT a WLAC effort, but was owned by the National Life and Accident Insurance Co. (owner of WSM). Execs at the Insurance Company were concerned that WSM was not airing enough classical music and cultural programming; and the upshot was the shortwave transmitter which was on the air for about five years. Regarding your reference to it as an 'Apex' station; I don't know. I had never heard that term before. W4XA (noncommercial and experimental) gave way to W47NV, the city's first (and I believe the region's first) commercial FM station late in 1941. Interestingly enough, the original transmitting antenna for W47NV remains mounted atop the WSM AM tower. That operation continued until 1950, and was discontinued at about the same time WSM-TV (4) began operation.

"The present WSM-FM (95.5) originally began operation as WLWM FM. The low-power facility was put on the air by Mr. Webber Parish, purchased by WSM in 1967 (simulcasting AM programming for about a year) and upgraded to 100 kw with separate programming in late 1968. Well, what was supposed to be a minor correction in ownership turned into a station profile. I know you're a stickler for accuracy, thus the correction plus the additional info." [I believe the calls for W47NV changed to WSM-FM by 1948. My Summer '49 "White's Radio Log" lists WSM-FM as being on 103.3-b.e.]

"Thanks for the recommendation of the Worldwide TV-FM DX Association that you made in FM Atlas," writes Paul Kohanski. "In the April Digest I noted a listing that WCPN's [Cleveland 90.3] subcarrier was silent. Since I had not checked it recently, and found it without a program one evening, I assumed that the service for the blind had ended due to the massive

budget cuts taking place in Ohio. I am happy to report, however, that the 67 kHz is fully active with programs for the blind. Recently I purchased a Recoton FM 200. It is amplified and also has a tunable stage that makes it a great indoor antenna. I have used it for tuning into 89.9 from Windsor, the CBC classical service [CBE-FM]. A Kent OH station on 89.7 was wiping out the Canadian station on most days. The tunable stage of the FM 200 enables me to detune most of the splatter from 89.7 and the gain stage then allows me to boost the Canadian. Reception is mostly mono on my Pioneer receiver, but I am thrilled with the results. I enjoy your column in the Digest."

KFAV 99.9 Warrenton MO is stereo, Walt Breville reports. It IDs at about :55 as "KFAV Warrenton, St. Charles, St. Peters," and does so "real quick and soft" so DXers hardly notice it. "Warrenton is a rural town, population 3300, definitely beyond the St. Louis suburbs on I-70. St. Charles and St. Peters are in very fast-growing populated areas" just NW of St. Louis. Disregard the format change, below, for KATZ-FM 100.3 going all jazz. It is still sj, "all jazz, but of the soul variety, not big band." Also off the air: WXJO 95.5 Bethalto IL, while KSLH "91.5 is the only station WALT hears which lacks stereo." It's more tj than tm, playing Stan Freeberg '50s novelty pop stuff as well as old big band jazz."

"W232AL Pomona NY, 94.3 translator owned/operated by WNEW-FM chief engineer Gerry Turro, is now spewing horribly distorted copies of WFUD and WNYU 89.1 on a 24 hour a day basis," reports Karl Zuk. "The carrier seems clean, but the modulation is way over-deviated and the stereo subcarriers are just filled with garbage—totally unlistenable!" [Do let me know if this is a "permanent" change in primaries for W232AL—I list it as being a translator for WBAB 102.3 Babylon NY.] "Please don't give up your newsletter! You are irreplaceable—and a great void would remain if you left. Please reconsider!" Karl exhorts. "All the best."

I'll try to have more about my plans regarding this column and the newsletter next month, but [you can] expect one will go. Now search a little farther, fellow DXers, for the feature "See Also," culled from August's DX-filled digest.

#### New FM Station, Translator Grants

*All translators have less than 100 watts unless indicated otherwise*

AL Selma W232AN \*94.3 (WMBV 91.9 Dixons Mills)  
AZ Bullhead City KEDG-1 103.5 49-w booster of Las Vegas station  
AZ Cane Springs K292ES 106.3 (KRCY 105.9 Kingman)  
AZ Williams 96.7 1000 h.v.; 245 m, Jana Tucker  
AR Wickes K232CS 94.3 (KENA-FM 101.7 Mena), 100 h, 99 v  
CA Berkeley KBLX-FM1 102.9 99-w booster of Berkeley station  
CA Fort Bragg K265DB 100.9 (KUKI-FM 101.3 Ukiah), 250 w  
CA Thousand Palms 94.7 510 h.v.; 177 m  
CO Grand Junction 104.3 100000 h.v.; 395 m  
FL Key West W210AS \*89.9 (WLRN-FM 91.3 Miami), 240 h  
FL Perry W265AB \*100.7 (WOLR 91.3 Lake City)  
GA Dahlonega 104.3 3000 h.v.; 51 m, K. C. Croom  
IL Rockford W289AB \*105.7 (WNIJ 90.5 Rockford)  
IN Austin 92.7 3000 h.v.; 100 m, Austin Radio  
IA Vinton 107.1 6000 h.v.; 100 m, K. C. Rosato  
KY Hazard W244AU 96.7 (WZQQ 92.3 Hyden), 250 w  
MI Manistee WXYQ 107.9 3000h.v.; 61 m  
MS Hattiesburg W207AU \*89.3 (WMAH-FM 90.3 Biloxi), 250 w  
MO Springfield \*88.3 12000h.v.; 100 m, g, Lou Smith Ministries  
NE Omaha KXKT-1 103.7 11000-w booster of Atlantic IA station  
NE Sidney K28DJ 93.5 (KCMJ 96.9 Terrytown)  
NM Carlsbad 106.1 50000 h.v.; 150 m, Kolob Bcstg.  
NM Truth or Consequences K216CK \*91.1 (KLYT 88.3 Albuquerque)  
NY Essex (SW Burlington VT, N. Westport NY) 101.3 490 h.v.; 245 m



NY Westport (Vergennes VT) 102.5 6000 h.v.; 9 m, W. Bcstg. [of Meadville station]  
 PA Erie WZPR-1 100.3 23-w booster/  
 TX El Paso "91.1 250 h.v.; 340 m, \$[tereo], Spanish, g, World Radio Network  
 TX San Augustine 92.5 150 watts h.v.; 42 m, S.A. Cable TV [104.7 Montpelier]  
 VT Montpelier W262AA 100.3 (WNCN 104.7/  
 WI Adams 106.1 6000 h.v.; 100 m, Roche-a-Cri Bcstg. [num Communications  
 WI Portage 95.9 6000 h.v.; 100 m, Mag-/

### Call Letters Assigned or Changed

AZ Marana 98.3 KOHT (KXMG), Spanish, urban (S, s), "Hot 98" (from "Sonido Magico")  
 AZ Phoenix 101.5 KZON (KMXX), p  
 AR Dermott 103.1 KXSA "FM" (KXSA-FM)  
 AR Jacksonville 100.3 KDDK (KEZQ), k, "K-Duck"; switching with Sheridan  
 AR Sheridan 102.9 KEZQ (KXIX), mr, an LMA  
 AR White Hall 104.5 KWDA  
 CA Guafala 100.5 KWAN  
 CA Magalia "88.3 KWXP  
 CA Sun City 92.9 KWXX  
 CO Durango 99.7 KWXA  
 FL Atlantic Beach 104.5 WFYV "FM" (WFYV-FM; AM in Jacksonville gets new calls)  
 FL Daytona Beach 94.5 WCFB (WWLV)  
 GA Smithville 106.5 WXAA  
 IN Elwood 101.7 WIVM (WEWZ), "Mix 101.7"  
 IN Mount Vernon 106.7 WBLZ, r, "B-106.7"  
 IN South Bend 106.3 WUBU (WMXH)  
 KS Ottawa 95.7 KZTO (KHUM)  
 KS Winfield 95.9 KKKM  
 KY Hardinsburg 104.3 WBXC  
 KY Paris 96.9 WGKS (WCOZ-FM), "Kiss 96.9"  
 MI Grand Rapids 93.7 WBCT (WJFM), k, "B-93"  
 MI 98.7 WFGH (WXJL), \$, c  
 MS McLean 96.9 WXAB  
 MO Asbury 103.5 KWXD  
 MO Columbia 102.3 KNCD  
 NH Hanover "91.3 WEVH (WWYB)  
 NM Texico 96.5 KWXX  
 NY Conklin 100.5 WXEJ  
 NY Port Jervis "88.9 WRPJ  
 NY Warsaw "88.3 WCOU  
 NY Watertown "88.5 WSLJ  
 ND Arthur 96.7 KCOV  
 OH Columbus 99.7 WBZX (WMGG), "The Blitz"  
 OH Geneva 104.9 WKKY (WZDN), K[ountry]  
 OK Byng 100.1 KYKC (KZDB)  
 TN Benton 93.1 WBIN-FM  
 TN Cookeville "90.9 WWOG  
 TX Floydada 95.3 KFLK (KKAP-FM), g  
 TX Lamesa 104.7 KMMX (KLSC), r, "Mix 104.7"  
 UT Tremonton 105.1 KGSC (KBXQ)  
 VA Emory "90.7 WEHC  
 VA Tacoma 103.7 KMTT-FM (KMTT), still "The Mountain," to 57000 h.v.; 714 m, d, \$  
 WA Yakima "90.3 KNWY  
 WI Bloomer 95.1 WQRB (WPHQ), k, \$, "B-95" (strict), ID with Eau Claire-Chippewa Falls  
 WI Peshtigo 96.1 WJMR (WHYB)  
 WI Sparta 97.1 WCOV "FM" (WCOV-FM; AM gets new calls), k (AM goes traditional k)

### Facilities Changes Granted

AL Fort Rucker WKUS 100.5 2800 h.v.; 145 m  
 AL Orville (from Marion) WJAM 97.3 (from 97.5) 3700 h.v.; 128 m [m, C3  
 AZ Colorado City KCCA 100.9 6100h.v.; -100/  
 AR Jonesboro KASU "91.9 281.4 (100000)  
 AR Russellville KCJC 100.9 100 m (6000 h.v)  
 CA Crescent City KCRC-FM 94.3 6000 h.v.  
 CA Davis KQBR 104.3 3000 h.v.; 141 m  
 CA Fremont KOHL "89.3 150 h.v.; 124 m, adds vertical, non d-a [m, B1  
 CA Greenacres KAXL "88.3 21100 h.v.; 100/  
 CA Twenty-nine Palms KQYN 95.7 20000 h.v.; 230 m [h, 5800 v (100 m)  
 DE Milford WAFL 97.7 6000/ [m)  
 FL Green Cove Springs WJBT 92.7 6000 h.v (100/

FL Solana WMMY 104.9 (from 105.3)  
 GA Americus WISK-FM 98.7 (from 97.7) 25000 h.v.; 92 m, C3

IL Quincy WQOC "90.3 10000 h.v.; 127 m  
 KS Minneapolis KILS 92.7 50000 h.v.; 150 m, C2  
 KY Liberty WKDO-FM 98.7 25000 h.v (73 m)  
 KY Louisville WTFX 100.5 30900 h.v.; 190 m  
 MI Grayling WQON 100.3 50000 h.v.; 113 m, now o, SMN Kool [h, v (100 m)  
 MN Crosby KTCC 101.5 (from 101.7) 25000/  
 MS Cleveland WCLD-FM 103.9 6000 h.v (91 m)  
 MS Ebenezer WZBR 103.9 6000 h.v (100 m)  
 MO Birch Tree KBMV-FM 107.1 16200 h.v (124 m), C3  
 MT Bozeman (new) 99.9 100000 h.v.; 100 m  
 NV Reno KNEV 95.5 695 m (59000 h.v)  
 NH Belmont WCNH 93.3 400 h.v.; 272 m  
 NH Berlin WJNS-FM "88.1 2 watts h, 85 watts v, 115 m  
 NM Portales KSEL-FM 95.3 6000 h.v (91 m)  
 NM Silver City KSCQ 94.5 570 h.v.; 313 m  
 OH Archbold WBCY "89.5 20000 h.v.; 100 m, B1  
 OH Banks KDBX 107.5 list as commercial, now "Spirit 107-5" (from "K Love")  
 PA Jenkintown WIBF-FM 103.9 305 m  
 PA Philadelphia WXPB "88.5 2900 h (280 m)  
 PA Schnecksville WXLV "90.3 420 h.v.; 70 m  
 RI Narragansett Pier WPJB 102.7 5000 h.v (100 m) [106.9 68200 h.v.; 299 m, C1  
 SC Bluffton WLOW/ [281 m, C3  
 TN Crossville WEGE 102.5 3200 h.v.;  
 TN Jefferson City WJFC-FM 99.3 1400 h.v.  
 TN Knoxville W244AT 96.7 with WXST 105.3 Loudon (from W252AQ 98.3 as a WLIQ 92.7 Harriam repeater)  
 WEMO 104.5 2800 h.v.; 148 m, parallel to WQBB 1040, "Nostalgia Q-104"  
 TN Lovellville WIST 94.5 21000 h.v.; 231 m  
 TN Loudon WNOX 99.1 6000 h.v (100 m), b  
 TN McMinnville WTRZ 103.9 5300 h.v (40 m)  
 TN Oliver Springs WXVO 98.7 6000 h.v (100 m)  
 TX Bay City KXGJ 101.7 (from 96.1)  
 TX Beeville KIBL-FM 105.7 (from 104.9) 25000 h.v.; 100 m, C3  
 TX Belton KQCC 106.3 11500 h.v (149 m), C3  
 TX Clarksville KCBZ 98.5 6000 h.v (100 m)  
 TX Rusk KWRW 97.7 14500 h.v (128 m), C3  
 UT Coalville KCUA "92.5 110 h.v.; 323 m  
 VT Derby Center WMOO 92.1 22400 h.v, d-a (189 m)  
 VA Waynesboro WPAV "90.1 300 m (2500 h.v)  
 WV Moundsville WRKP 96.5 1450 h.v (181 m)  
 WV Shepherdstown WSHC "89.7 (from 93.7), 950 h.v.; -3 m, Class A  
 WI Menominee WHWC "88.3 95000 h.v (320 m)  
 WI Racine WHKQ 92.1 2700 h.v.; 151 m  
 WI Spencer WOSX 92.3 (having moved from 92.1), now "Oldies 92" (not strict)  
 ON Toronto CIRV "88.7 was heard on 88.9 for a one week test, but back on 88.7. "They wanted to get away from WBFO [Buffalo NY] interference, I bet."

### Stereo-Or to be Stereo

AR Lowell KISK 101.9, k, LMA with KKIX 103.9 Fayetteville  
 CA Auberry KSLK 105.1, b, "Silk FM"  
 CA Kingsburg KJET 106.3, gr, "K-Love," relaying KLVN "91.9 Santa Rosa  
 CA Leesburg WEGC 103.7  
 GA Thomaston WTGA-FM 95.3, "T-95"  
 IL Champaign WIXY 100.3  
 IL Chicago WLS-FM 94.7, "Definitely stereo."  
 They have music segments in stereo, plus the people calling in are on different channels."  
 IN West Lafayette WGLM 106.7  
 KS Augusta KLLS 104.5  
 ME Bar Harbor WLKE 99.1, k, "Lucky 99," ID with Ellsworth  
 MN Ely WELY-FM 92.1, rm, 24 hours, uses calls NH Hampton WZEA 102.1  
 NY Sag Harbor WJNG-FM 92.1, finally embraces stereo, according to VUD; still r, but "oldies still far outnumber the current hits"

OR Gold Beach KGBR 92.7

WI Tomah WBOG 96.1

Monophonic

MS Kosciusko WJTA "91.7

### Format Changes

Formats are the same as in the "FM Atlas"

AL Chickasaw WDLT 98.3 mr  
 AL Prattville WAFX 95.1 op  
 AR Forrest City KBFC 93.5 k  
 AR Lowell KISK 101.9, r, "Kiss 102," LMA with KKIX 103.9 Fayetteville  
 CA Chowchilla KXDA 93.3 gr, to rebroadcast KLVN "91.9 Santa Rosa (with Kingsburg)  
 CA Oxnard KXLM 102.9 Spanish, l  
 CA South Lake Tahoe KGLE-FM 102.9 r, CHR  
 CA Victorville KVVQ-FM 103.1 rm  
 CA Visalia KGYU 96.1, to be b, "Will start construction when KSLK [105.1 Aubrey] gets settled in."  
 CO Fountain KBIO 96.1 gr, looking for ad sales people at 1465 Kelly Johnson Blvd., Ste. 202, Colorado Springs CO 80920. EOE.  
 CT Hartford WZMX 93.7 rm  
 CT Litchfield WZBG 97.3 r, \$  
 CT New Britain WRCH 100.5 rm  
 GA Carrollton WBTR 92.1 k  
 GA Dublin WKXZ 92.7 r [6 a.m.  
 GA Rome WGTU 102.3 r, also oldies 6 p.m.-/ IL ALTON KATZ-FM 100.3 j, "Jazz 100" (from "Z-100.3") [try, "WIKK Stereo?  
 IL Newton WKKK 103.5 rk, "AC and coun- IL Normal WIHN 96.7 o [7-?]  
 IN Mount Vernon WBLZ 106.7 r, "B-106- IA Eldora KDAO-FM 98.5 rm, AM simulcast LA Bastrop KRVV 100.1 o, "The River 100.1"  
 LA Larose KLRZ 100.3 r  
 LA New Iberia KDEA 99.1 rm  
 LA Springhill KTKC 92.7 k  
 MD Federalburg WQMR 107.1 o  
 MD Frederick WFRE 99.9 rm  
 MD Pocomoke City WMYJ 106.5 rm, \$  
 MA Springfield WHYN-FM 93.1 rm  
 MA Worcester WAAF 107.3 pr, "hard rock"  
 MI Oscoda WCLS 100.7 mr  
 MI Zeeland WJOK 99.3 gr, to 5100 h.v (113 m)  
 MN Moorhead WKKC "90.3 nt, mono  
 MN St. James KXAL 100.5 to be k  
 MN Winona KQAD "89.5 cr  
 MS Ellisville WJXK 102.5 gr, back on air  
 MO Cassville KRLK 100.1 mr, \$  
 MO Fulton KKCA 100.5 o  
 MO Kansas City KBEQ 104.3 rs  
 MO Richmond KAYX 92.5 k  
 NJ Vineland WBEF 102.1 r, still "92 First"  
 NY Attica WBTF 101.7 k  
 NY Cobleskill WSHQ 103.5 r, "Music 103" (from "Sho 103")  
 NY Malone WVVN 96.5 k; \$?  
 NY New York WPLJ 95.5 r; "They still air American Top 40 but out cut or cut down rap sounds on AT-40 I'm sure the syndicator of AT-40 is not thrilled over this. Cutting out parts of AT-40 sure leads some to believe WPLJ is racist. . .  
 ND Williston KDSR 101.1 k  
 OH Wellston WKOV-FM 96.7 rm [Enid  
 OK Alva KXLS 99.7 rm, SMN, but studios are in/ OR North Bend KACW 107.3 rm, "Starstation" format, \$, "Clear 107 FM"  
 PA Freehold WQEC 103.1 o  
 PA Ridgebury WKMB 96.9 m, parallel to WEHH  
 MA 1590 Elmira Heights NY  
 PA Russell WRPL 103.1 r, "Rock 103.1"  
 PA York WQXA-FM 105.7 r, "Hot 105.7"  
 SC Goose Creek WJUM-FM 94.3 r, "Fly 94" (from "Easy 94"; enters LMA with WSSX 95.1 Charleston SC)  
 SD Reliance KPLO-FM 94.5 still k, with Ellsworth  
 LMA with KGFX AM Pierre SD  
 TN Greeneville WIKQ 94.9 o, "or mo"  
 TN Humboldt WZDQ 102.3 r, still "Q-102"  
 TN Rockwood WOFE-FM 105.7 k, \$  
 TN Seymour WJBZ 96.3 "kinda" gk



TX Brownsville KRGY 99.5 rm  
TX Carthage KGAS-FM 104.3 k  
TX Corpus Christi KBSD 94.7 S, k (Tejano)  
TX El Paso KAMZ 93.1 rm  
TX Hamlin KCDD 103.7 m, back on air  
TX Laredo KOYE 94.9 k  
TX Victoria KAMV 92.3 mr  
UT Salt Lake City KALL-FM 94.1 still o, now in  
LMA with KKAT 101.9 Ogden  
WA Chelan KOZI-FM 93.5 mr  
WA Ellensburg KNNR 90.7 ct  
WV Lost Creek WOTR 96.3 ko, "½ new k, ½ '50s  
oldies, ½ big band." Gus, is it stereo?  
WI New London WOZZ 93.5 op, "classic rock  
and roll", "Z-93" (not strict); ID with "Fox  
Cities"-Green Bay  
WI Verona WMMM-FM 105.5 op  
WY Jackson KZJH 95.3 r, "KZ-95"  
ON Sault Ste. Marie CHAS 100.5 r, "Mix 100.5"

### See Also August VUD For

AL Capshaw (serving Huntsville) calls are W251-  
AC 98.1, Pugh, p. 31 [18, 19]  
AZ Phoenix KNAI \*88.3 is it stereo? Hawk, pp. 18/  
AR Fort Smith KWAG 99.1 K-Mag, Hawk, p. 18/  
AR Yellowstone KCTT-FM 97.7 I still need to know  
if \$, Stempick, p. 34 [son, p. 37]  
CA Groveland KXSR \*91.7 is it stereo? Jeffer/  
CO Brush KSIR 107.1 k, Pugh, p. 30  
CO Eagle K244CI 96.7 is the "Edwards"  
translator referred to by Allen, p. 30  
KMOT 101.5 r, Strobel, p. 23  
CO Glenwood Springs KMTS 99.1 still on 92.7,  
Allen, p. 29  
CT Enfield WPXK 97.9 Kix 97.9, Fela, p. 20  
DE Lewes WXJN 105.5 Kicks 106, has \$,  
Shartan, p. 25  
FL La Belle WKZY 92.5, still on 92.1, with  
"tinny audio," Combs, p. 36; probably will  
have improved audio and be back in stereo  
when it moves to the new frequency  
FL Lecanto WLMS \*88.1 Stereo? Dunne, p. 32  
FL Tallahassee WRZK 106.1 is it stereo? Combs,  
p. 37 [Leading Edge?], Pugh, p. 30  
GA Royston WPUP 103.7 The Bulldog (not "The  
IL Arcola WZNK 107.9 rp, \$, Strobel, p. 23  
IN West Lafayette WGLM 106.7 adds Lafayette-  
Monticello ID, Strobel, p. 23; is stereo!  
IA Winterset 99.5 is KBBM; KBBN calls remain  
on 98.3 in Broken Bow NE, Hawk, p. 19  
KS Goodland KCGR 107.7 gr, Falconer, p. 22  
KS Hiawatha KJTH \*91.1 is it stereo? Hawk, p.  
20  
KY Scottsville WVLE 99.3 still 3 kw; congrats on  
catch, Allen, p. 29! [But it's good to have the  
latest FM Atlas, however.]  
KY Williamstown WNKR 106.5 stereo, ID with  
Dry Ridge, Strobel, p. 24 [p. 18  
LA Ruston KXKZ 107.5 Kicks Country, Hawk/  
MD Pocomoke City WMYJ 106.5 text should  
read: "106.5 WMYJ" next to its dot, p. 21  
FM Atl-as-14; Mount, p. 25  
MI Gulliver WCMW 94.7 is it stereo? Pugh, p. 31  
MS Itasca WVSD \*91.7 is it stereo? Nordquist,  
p. 21  
MO Knob Noster KXXX 105.7 Kicks Country,  
having moved from 105.5, Hawk, p. 19  
MO West Plains KSPQ 93.9 Q-94, Chernos, p. 14  
NE Kearney KKNY 102.3 Y-102 (from "Q-102"),  
Hawk, p. 18  
NY Monticello WSUL 98.3 rm, "Lite Rock  
98.3," Stempick, p. 34 [man p. 15  
NY Oswego WNYO \*88.9 \$, rp, Nie- [p. 19  
NC Nags Head WNHV 92.5 Carolina 92, Hawk/  
ND Jamestown KODJ 95.5 K 95½ Country  
(from "J Country"), Nordquist, p. 21  
ND Minot KHHT 97.1 K-Hot (from "K-97"),  
Pugh, p. 31  
OH Portsmouth WOHP \*88.3 \$, Strobel, p. 23  
OH South Webster WZTO 94.9 I-95 (from  
"Z-94"), Strobel, p. 23  
OK Ada KTLN 93.3 r, Hayes, p. 16  
OK Oklahoma City KOCC \*88.9 K-Rock 89,  
Hawk, p. 18

OK Woodward KMZE 92.1 Z-92, Hawk, p. 18  
PA Butler WLER 97.7 rm, Ross, p. 13  
PA Harrisburg is location of WRVV 97.3 The  
River, Stempick, p. 34  
SC Columbia WOMG-FM 103.1 o, "Oldies 103"  
(from "Majic 103.1"), Hawk, p. 19  
SD Madison KJAM-FM 103.1 K-Jam, Pugh, p. 31  
SD Rapid City KIQK 104.1 Kick 104; is it  
Stereo? Pugh, p. 30 [p. 18  
SD Sioux Falls KELO-FM 92.5 Lite 92.5, Hawk/  
SD Vermillion KVHT 106.3 Hot 106.7; some  
typos there, Pugh, p. 31  
TN Lawrenceburg 105.3 calls should be W257AA  
(not "W237AA"), Pugh, p. 31  
TX Bryan KKYs 104.7 104.7 KYS FM, Hall, p.  
17 [p. 23  
TX Dalhart KXIT-FM 95.9 still mono, Strobel/  
23 [p. 27  
TX Fort Worth KLTU 94.1 tM, 67, Ebeling/  
TX Lamesa K10L 100.3 op, Coniglio, p. 28  
TX Mexico KICYX 104.9 Kicks FM, Coniglio, p.  
23 [p. 24  
TX Pasadena KJIC \*88.1 still mono, Strobel/  
TX Port KPOS-FM 107.3 Stereo, Nieman, p. 15  
TX San Antonio KSRR 92.9 r, Strobel, p. 24  
TX Victoria K269CQ \*101.7 has KSBj 89.3  
Humble on it (from KZFX 107.5 Lake  
Jackson), Ebeling, p. 27 [p. 25  
VA Windsor WBSK-FM 107.7 still mono? Mount/  
WV Charles Town WXVA-FM 98.3 k, Hawk, p. 19  
PR VI missing from by-frequency lists, FM Atlas  
(Cooper, p. 12): True "we don't DX govern-  
ments," but if I included those places I should  
also include Cuba, Haiti, DR, etc., which are  
closer to the mainland than VI. I stick to states,  
even though HI and AK defy geographical  
realities. Sorry, Ernie!  
MB Winnipeg CHIQ 94.3 Chic FM (from  
"Q-94"), Nordquist, p. 21  
ON Niagara Falls CFLZ \*91.9 t, mono, info,  
estimated power 100 v, Coniglio, p. 28, "C  
Falls"  
SK Regina CKIT 104.9 rm, "Magic 104 FM"  
(from "K-105"), Pugh, p. 30  
CE Ciudad del Carmen XHCHMM 98.9 \$, new,  
Pugh, assumed I, p. 30  
YU Merida XHMT 98.1 \$, Pugh, p. 30

### On Air (Selected)

GA Atlanta WRFG \*89.3, but at low power; was  
off for about a week the first of July after  
transmitter hit by lightning  
MN Bemidji K234AA \*94.7  
NY Brooklyn area—"WFUN" oldies, \$, now  
91.9, not 95.1 as before. Gave some Brooklyn  
phone number shown in March FMedial and  
played jingles which sounded like they came  
from a "real" station with the same call  
letters. Also on 91.9 a Japanese-language  
station, with frequent mentions of "NHK"  
and seeming to come from the New Jersey  
shore area. It is not "WJCR" Jamaica, Long  
Island. "At 1 p.m. they have news in English  
from Radio Japan in Tokyo, otherwise it's all  
Japanese. They seem to carry Japan/NHK's  
programs 24 hours a day."  
PA Reading W249AT \*97.7 now with 10 watts,  
non-d-a, \$4,000 project, "and it works  
great." [m (100000 h,v)  
WI Suring WRVM 102.7 now with 299/

### Off Air—Or Not Yet On

DE Dover WRTX \*91.7. Waiting for the tower  
"which we will rent" to be built. "Our new  
target date is Oct. 1, 1992."  
DE Seelyville WBSL 97.9  
GA Blakely WDKZ 93.1 and AM  
ME Fairfield WEZO 93.5. Lost to tower site, but  
searching for a new site.  
ME Harpswell WMSJ \*91.9 power increase to 6  
kw "buys them time to change location. They  
still have no money. Several people have tried  
to buy their permit but they won't sell.

Stubbom people, who someone described as  
a religious group so heavenly minded that  
they are no earthly good."'  
MD Cambridge WFBR 94.3, with WICO-FM  
Salisbury still not moved to 97.5.  
MD Crisfield WLSL 96.9  
MD Ocean Pines WKJO 97.1, "no place close to  
being built (limited space for tower and no  
zoning passed)."  
MA Harwich WCCT \*90.3, but WBUR \*90.9  
Boston is buying it a 1 kw transmitter. In  
exchange, WBUR is guaranteed a minimum of  
air time for relay of its programs—4 a.m. to 10  
a.m. and 4 p.m. to 8 p.m. M-F, Sat. 5 a.m. to  
noon; Sunday 5 to 11 a.m. "Whatever  
additional hours student programmers cannot  
fill will be used to relay additional portions of  
the WBUR schedule. In the summer that will  
mean a "round the clock" relay. A sensible  
arrangement for both parties. New equipment  
for the college station, coverage of a vacation  
area that WBUR cannot reach [which is  
underserved by public radio."  
MI Ironwood W265AI \*100.9  
NJ Wildwood Crest WDOX 93.1. "CP was just  
sold so that may come to life soon."  
ND Wahpeton KGWb 106.9 (still on 107.1)  
OR Agate Beach K219BJ \*91.7  
OR Gleneden Beach KSHL 97.5  
OR Lincoln City KNJM 95.1  
OR Newport KCLM 92.7  
OR Eugene KWVA \*88.1  
TX Alice KBIC 102.9, still on 102.3  
TX Bloomington-Victoria KVMK 106.9  
TX Caldwell KHEN 95.1  
TX Cameron KCRM 103.9, still on 103.1  
TX Corpus Christi KBSD 94.7  
TX Franklin KPXQ 101.9  
TX Giddings KOKE 101.5, still on 101.7  
TX Gregory-Corpus Christi KZDA 104.5  
TX Huntsville KCEY 99.7  
TX Jasper KWYX 102.7, still on 102.3  
TX Mission VTX 105.5  
TX Refugio KZTX "not on 106.3 or 106.1"  
TX Victoria KHHF \*88.5  
WI Mayville WMMW 98.7  
WI Spooner WXMG 106.3

### Deletions

CA Yucaipa K252AN 98.3  
MI Ironwood W276AD 103.1  
OR Eugene K288ED 105.5; was once licensed;  
no longer on air [KLCQ \*90.5  
OR Newport K205BF \*88.9, replaced by/  
K292EQ 106.3  
PA Scranton W292CI \*106.3. "This was never  
built and the CP must have expired, because it  
is no longer included in the FCC database.  
With our facility on 105.9, this channel  
would no longer be available close to  
Scranton."  
WI Rhinelander W228AW 93.5  
WI Tomahawk W252AM 98.3

### SCServices, 67 and 92 kHz

*Symbols are as in the "FM Atlas"*  
AL Montgomery WLWI-FM 92.3 tC, 92 (adds  
WLWI AM 740 relay); retains tC, 67  
AL Phenix City WGSY 100.1 tX, 67; o[ldies]  
main carrier  
NJ Newark WBGO \*88.3 the 92 kHz "WRNN"  
Radi o Pinoy translation (p. 4, col. 2)  
should be "all day, all night" (not "all day,  
every day") and "just for us" (not "just for  
you"); 67 kHz is ICN, Italian Communication  
Network. An Italian broadcaster, soon to be  
displaced from WBIF-FM 103.9 Jenkintown  
PA, has called and expressed an interest in  
TV-SAP receiving equipment for an UHF  
channel in Philadelphia.

731v. *Burey E.*

# TELEVISION NEWS

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## ABBREVIATIONS USED IN THIS COLUMN:

ERP= Effective Radiated Power, in  
kW  
HAAT=Height Above Average Terrain,  
in meters  
AAT= Above Average Terrain  
AG= Above Ground  
ASL= Above Sea Level  
nc= No change  
TL= Transmitter Location  
CP= Construction permit  
MP= Modification permit  
(modification of construction  
permit)  
\*= Non-commercial  
CRTC=Canadian Radio-TV Commission

## APPLICATIONS FOR NEW STATIONS

St	Ch	ERP	HAAT	City
AR	24	171.68	117	Springdale; Total Life Community Educational Foundation
MS	24 25	187		Meridian; Central Television Inc.

## APPLICATIONS DENIED/DISMISSED/ETC.

St	Ch	City
CA	11	Los Angeles; Rainbow Bcstg.
LA	11	Columbia; Caldwell Bcstg. L.P., Giles Television Inc., KTVE Inc., Love Bcstg. Co.
NV	15	Las Vegas; Lorraine Walker Arms

## CONSTRUCTION PERMITS CANCELLED

St	Ch	Call	City
NC	30	WEOU	Wilson
NE	15	KPQC	Omaha

## CONSTRUCTION PERMITS GRANTED

St	Ch	ERP	HAAT	City
KY	44	1000	601	Harlan; Living Faith Ministries
LA	11	316	565	Columbia; Pears Bcstg. Inc.
WA	56*5000	571		Tacoma; Korean- American Missions

(this is a correction from last  
month; it was indeed 1872 feet)

## APPLICATIONS TO MODIFY CONSTRUCTION PERMITS

St	Ch	ERP	HAAT	Call	City
FL	61	5000	89	WFGC	Palm Beach

## APPLICATIONS TO MODIFY CONSTRUCTION PERMITS (Cont'd.)

St	Ch	ERP	HAAT	Call	City
LA	45	1670	159	KWLB	Shreveport
NC	58	1570	422	WUNG-TV	Concord
OK	62	100	139	KMNZ	Oklahoma City

## APPLICATIONS TO CHANGE EXISTING STATIONS

St	Ch	ERP	HAAT	Call	City
AR	29	1410	nc	KHOG-TV	Fayette- ville
OH	6	100	286	WSYX	Columbus (TL: 39°56'16"N, 83°01'16"W Stimmel Road, 1.6km W of I-71) (was 163m)
OH	42	525	373	WPBO-TV	Portsmouth (was 398kW/377m)

## CONSTRUCTION PERMIT MODIFICATIONS GRANTED

St	Ch	ERP	HAAT	Call	City
GA	57	398	129	WATC	Atlanta
SC	63	5000	343	WQHB	Sumter

## CHANGES GRANTED TO EXISTING STATIONS

St	Ch	ERP	HAAT	Call	City
AL	25	1225	352	WHIQ	Huntsville (TL: 34°44'14"N, 86°31'46"W (was 631kW/358m)
CA	22	832	877	KWHY-TV	Los Angeles (was 2570kW/889m)
ID	12	316	346	KUID-TV	Moscow (was 115kW/316m)
IN	30	832	216	WTIU	Bloom- ington (was 200kW)
MD	36	240	199	WGPT	Oakland (was 24.9kW/218m)
MD	28	2179	157	WCPB	Salisbury (was 786kW)
MN	10	316	301	WDIO-TV	Duluth (was 308m)
MS	24	724	177	WTZH	Meridian (TL: 32°18'43"N, 88°41'33"W US-45, 5.9km S of Meridian)
MT	3	10.42	31	KYUS-TV	Miles City (was 10.2kW/38m. Big change, huh?!) )
NC	25	1256	351	WUNK-TV	Greenville (was 631kW)
NJ	41	2340	421	WXTV	Paterson (TL: 40°44'54"N, 73°59'10"W Moves from World Trade Center to Empire State Building. Was 3240kW/506m.)
OK	35	2761	256	KXON-TV	Claremore (TL: 36°24'5"N, 95°36'33"W 503m E of Oowala Rd., 9km N of Claremore. Was 70.15kW/144m)
OR	21	133	197	KTVZ	Bend



**CHANGES GRANTED TO EXISTING STATIONS (Cont'd.)**

<u>St</u>	<u>Ch</u>	<u>ERP</u>	<u>HAAT</u>	<u>Call</u>	<u>City</u>
TN	17	3266	354	WZTV	Nashville
(was 2340kW)					

**CHANGES GRANTED TO EXISTING STATIONS**

<u>St</u>	<u>Ch</u>	<u>ERP</u>	<u>HAAT</u>	<u>Call</u>	<u>City</u>
TX	57	5000	585	KRTW	Baytown
(TL: 29°17'56"N, 95°14'11"W 6.5km SE of corner of Springtown Road and Hwy. 35, 13km S of Alvin.)					

**CALL LETTERS ASSIGNED TO NEW STATIONS**

<u>St</u>	<u>Ch</u>	<u>Call</u>	<u>City/Permittee</u>
OH		WXAE	Toledo; Dominion Broadcasting
WA	56	KWDK	Tacoma; Korean-American Missions
WV	59	WVGTV	Lewisburg; WVGTV Corp.

**CALL LETTER CHANGES FOR EXISTING STATIONS**

<u>St</u>	<u>Ch</u>	<u>City</u>	<u>Was</u>	<u>Now</u>
MI	41	Battle Creek	WUHQ-TV	WOTV
MI	8	Grand Rapids	WOTV	WOOD-TV
OK	35	Claremore	KXON-TV	KRSC-TV

The change of WSJU-18 San Juan, PR has been withdrawn; the station will remain WSJU.

**NEW STATIONS ON THE AIR**

Baxley, GA: WUBI 34z:  
316kW, 200m AAT  
TL 31°45'53"N, 82°13'38"W  
4.7km S of GA-144, 11.6km E of Baxley, or about 65km WSW of Savannah.

Signon date unknown.  
Independent.

Ellendale, ND: KJRE \*19-:  
405kW, 179m AAT  
TL about 110km SW of Fargo, on ND/SD border south of Jamestown.  
Signon date unknown.  
PBS, satellite of KFME-13 Fargo.

Burlington, NJ: WGTW 48:  
2340kW, 316m AAT  
TL 40°02'36"N, 75°14'33"W  
Somewhere in the Roxborough antenna farm, where Philadelphia's other stations are. Probably the old WKBS-48 facilities.  
Noted with test pattern by Steve West on 8/12.  
Independent.

Jellico, TN: WPMC 54-:  
20kW, 395m AAT  
TL 36°30'26"N, 84°02'36"W  
Rich Mountain, 2.9km ENE of Habersham, about 35km N of Knoxville.  
Signon date unknown.  
Independent religious.

**OTHER STUFF**

Another call with Steve West, and comments he relays from Bill Nienajadly, indicate that the facilities given for WGTW-48 above are probably wrong, as the station is much weaker than the listed facilities would indicate. The above listings are the latest stuff I've got..

The WPBO-TV application is probably to cover for the new transmitter installed in June, as reported last month.

WHIQ-25's TL change is probably just correction of inaccurate coordinates: the description of their TL hasn't changed.

WZTV's change involves replacing an old transmitter with a new one with higher power.

The Meridian, MS new station application is mutually exclusive with existing WTZH-24 there.

I expect to see a lot more old CPs cancelled in the near future; as Bruce Elving and the National Radio Club have reported, the FCC has been cancelling dozens of unbuilt AM and FM CPs.

Frequent E-skip catch KKTO-2 has reportedly been sold to KGSW-14 in Albuquerque. My best guess is that KGSW-14 will go off & move its programming to channel 2; whether the KGSW calls will also be moved, I don't know.

In late July, the FCC prohibition on common ownership of cable systems and telephone companies was relaxed. Telephone companies are now allowed to transmit video as common carriers without having to obtain a municipal franchise. They will also be allowed to take up to 5% financial interest in the programming their systems carry.

Estimates are that NBC lost between \$50,000,000 and \$100,000,000 on the Olympics. Network executives claim the promotional boost for their regular schedule was worth it. The pay-per-view Triplecast appears to have been a flop, with the most optimistic estimates being 500,000 buyers, and the

least optimistic being well under 250,000. Triplecast operators had hoped to sell 2,000,000 subscriptions.

Semi-locally, QSI of Memphis claims to have been ready to demonstrate their system for simultaneous transmission of HDTV and NTSC on the same 6MHz channel. WREG-3, who was to carry the demo, denies involvement. Kinda makes one wonder if Elvis is involved...

An article in the August 10 issue of *Broadcasting* notes that the football games of the Buffalo Bills are carried on cable TV-- with permission for non-commercial WNEQ-23 to simulcast the games!

## FORUM

### Dave Sinclair, Vancouver BC:

Dave is still looking for comparative info about Channel Master & Winegard antennas; write him at 6565 Brooks St., Vancouver V5S 3J6.

He reports hearing over KTBW-20 that TBNs K60DS Rochester, MN and K57?? (can't find it in my database) Atwater, CA are now on.

Dave also reports that, to the best of his knowledge, KSKN-22 is still off.

Finally, he passes along some clippings about TBN's attempt to get started in Canada.

In the May 10-June 6 *Christian Info News*, it's reported that two Alberta TBN relay operators have filed suit in Edmonton, challenging Canada's 63-year-old policy of not licensing religious broadcasters. Russell Pearson charges that this policy "... violates the Religious Freedom provision of the Charter (of Rights and Freedoms) and the essence of the Constitution."

A January CRTC hearing in Edmonton turned out 800 citizens in support of the Canadian TBNs.

Another article, from the May 27 *Vancouver Province*, notes that the Royal Canadian Mounted Police shut down unlicensed TBNs in Winnipeg, Saskatoon, Medicine Hat, and Three Hills, Alberta. Several other unlicensed TBNs have been ordered to shut down & complied voluntarily. All these stations have been operating on UHF. (Which means, if you log a TBN from an unlikely direction, don't rule out Canada as its location!)

### Mystery Contributor, Columbus, OH: (Dave Moody?)

Someone from Columbus sent copies of the WPBO-42 program and transmitter log forms, and the transmitter meter readings form, along with a WPBO-42 coverage map (forwarded to HQ for possible use as a VUD cover) and a clipping from the July 15 *Columbus Dispatch*.

The latter clipping mentions a lightning strike on the tower of WOSU-34 and WTTE-28. The tower was hit about 1:30am on Monday, July 13. "Both stations limped along on low wattage for a while Monday. Then transmission was stopped so repairs could begin." It's unsafe for tower workers to climb past an operating antenna; more thunderstorms also posed an unacceptable risk to further work.

WTTE-28 expected to be back on the air on the night of the 15th, with WOSU hoping to be back sooner, on the 14th. Microwave and fiber optic gear borrowed from WCMH-4 and others permitted both stations to reach cable subscribers in the area during the tower work.

### Steve West, metro Philadelphia:

Steve called the evening of Aug. 12 to report WGTW-48 back on with a test pattern. (thanks!) After calling Steve back on the 12th, he reports what appears to be their regular schedule, with something called the "American Entertainment Network", from Denver, with "Channel America-type" programming, mostly old black & white Westerns, etc.. Their slogan is "Good Television to Watch"..

He's also seen an unID LPTV on 24, with the All News Channel. I'm passing along to Matt Sittel-- don't have any real solution for him here! Is it possible that WPAJ-24 Danville, VA is on?

### John Combs, Orlando FL:

Sorry John; I managed to misplace the item you sent regarding an LPTV going dark...

Nothing exciting here on TV, just a few unID FM bursts in the Perseids. (though there was a new tropo logging on the tape!) But fall-like weather is descending on the South; looks like tropo season!

73 Doug



# NORTHERN FM-DX

GREG CONIGLIO  
5100 GLENWOOD DRIVE  
WILLIAMSVILLE, NY 14221

For DXers in: MA, NH, VT, CT, MA, RI, NY, PA, NJ, OH, MI, IN, IL, WI, MN, IA, NE, SD, ND, MT, WY, ID, WA, OR, AK, Canada

**AUGUST 1992 DEADLINE: The 5th LOG CUTOFF: 2 months from when mailed**

The second half of June was poor for skip, and July was not much better. Many members are rating this a very poor season, although it did not seem as bad out west. Trop levels are also way down, presumably cause of the abnormally cool weather over many areas of North America. There have been "interesting" skip catches though, double hops, unusually short and long distances, and there was a good trop opening mid-June in the midwestern states. If you have had DX this summer, why not let us know? We look forward to hearing from you! On to the DX.....

**FRANK MERRILL - PO BOX 669 - MACOMB, ILLINOIS 61455**

All times CDST. Equipment: MacIntosh MR-78 tuner. Antennas (hey, this in itself is a "DX Tip" for skip DXers). 1. Channel Master "Stereo Probe 9" yagi at 40 feet, used for over 90% of all tropo DX and some Es. 2. Channel Master "Stereo Probe 9" at 8 FEET OFF THE GROUND used for at least 80-85% of my Es DXing, and the rare occasional Tr catch, like KWKH 94.5 on 17 June.

## MAY 1992 DX

1 Tr  
0300 **KETR** 88.9 TX Commerce, BBC pgm, legal ID, and jingle, BBC news 590  
0303 **KZZD** 90.7 KS Wichita, legal ID 406  
0352 **WRR** 101.1 TX Dallas, tornado PSA, c 646  
0400 **KSCS** 96.3 TX Ft. Worth, calls 646  
0410 **KLTU** 94.1 TX Ft. Worth, calls, ads 646  
0417 **KQDZ** 94.9 TX Arlington, calls and promo about the station 646  
0434 Tulsa and OKC strong 405&510  
0500 **KCBI** 90.9 TX Dallas, legal ID 646  
0506 **KERA** 90.1 TX Dallas, lgl ID, Morn. Ed. 646  
0523 "UHF trap to San Antonio"  
0535 **KFAV** 99.9 MO Warrenton, V-100 and St. Charles County and O'Fallon ments. 116  
0548 **KJMZ** 100.3 TX Dallas, "We don't want violence in the D-FW area (this was during the L.A. riots), rap music 646  
0551 **KJZY** 99.1 TX Denton, 99.1 Z-Rock 613  
0600 **KHKC** 103.1 OK Atoka, legal ID, weather reported off earlier in 1992. 515  
0617 **KRRM** 105.3 TX Dallas, Many channel 5 promos, ph# 787-1053, many Dallas ments. 646  
0640 **KOSU** 91.7 OK Stillwater, calls souled like KCSU, started with Stillwater temp in weather 458  
0726 **KETR** 88.9 TX Commerce, in on top of KLUM-MO! 590  
0730 **KYOT** 106.7 TX Granbury, calls, ad for Granbury Square antique sale 680  
0809 **W213AH** 90.5 IL Macomb, gave WDLN 89.3 phone # 6  
0811 **KNYD** 90.5 OK Broken Arrow, thru xlr! 408  
0840 **KWGS** 89.5 OK Tulsa, calls, PSA, over KOPN same direction, came out of nowhere 413  
0842 **KGLS** 93.1 KS Pratt 474  
8 Es  
1034 **WKRY** 93.5 FL Key West  
1036 **KLUX** 99.9 TX Robstown  
1042 **KVMV** 96.9 TX McAllen, "If you have ?'s about God, call us at 787-???? (theirs is 787-9700)"  
1100 **WHVE** 102.5 FL Sarasots  
1115 **KKYX** 106.7 TX Terrell Hills, new calls, k 877  
1115 **XHPJ** 106.9 NL Monroey, ads, "Estereo Classic" slogan, SKIP FREQUENCY #100. 1164  
1130 **WGVL** 93.7 FL Vero Beach, calls 1063  
10 Tr  
0519 **KMCH** 94.7 IA Manchester, "All of eastern Iowa has discovered the new KMCH", k 146  
10 Au  
0519, heavy hash on entire dial, couldn't ID anything  
16 Es  
2342 **WBVM** 90.5 FL Tampa  
WCTQ 92.1 FL Venice

## JUNE 16 Es continued

2342 **WJIS** 88.1 FL Bradenton  
2343 **WQLM** 92.9 FL Punta Gorda, calls heard 1057  
17 Tr  
0000 **W212AI** 90.3 IL Springfield (WIBI 91.1) 70  
See note #1.  
17 Es  
0002 **WBVM** 90.5 FL Tampa  
24 Es  
1951 **WBOS** 92.9 MA Brookline, 92-9 WBOS 1022  
1956 **WCDQ** 92.1 ME Sanford, calls, quick fade in and out over 30 mile WCAZ 1043  
1959 **WEVO** 89.1 NH Concord  
1959 **WSKG** 89.3 NY Binghamton, multi-region NY Weather, Binghamton first temp, fade 775  
2000 **WAER** 88.3 NY Syracuse, legal ID, blues 770  
2007 **WODS** 103.3 MA Boston, "Oldies 103" and Top 500 countdown, Boston ads later 1024  
2008 **WRNX** 100.9 MA Amherst, Weird Al Yankovic coming to "The Valley", call 253-2299 for info (I guessed, dialed 413-the no. and WRNX answered!) MUF 107.9 (tent. WXXS-MA)  
2013 **WHYN** 93.1 MA Springfield 940  
2016 **WTCC** 90.7 MA Springfield, Pulaski Park events, dedications, etc, called them 940  
2024 **WWLJ** 105.1 RI Providence, Thrifty ad ment obvious Rhode Island cities 1006  
2038 **WLYT** 92.5 MA Haverhill 1030  
CBFA26 88.5 NB Moncton 1359  
2044 **WERS** 88.9 MA Boston 1024  
2052 **WBMT** 88.3 MA Boxford, "The north Shore's best rock", super weak! 1028  
25 Es  
0833 **WAVV** 101.7 FL Vero Beach, Wave 101.7  
0841 **WYKS** 105.5 FL Gainesville, local ads 882  
0843 **WEAG** 106.3 FL Starke, Love 106.3, call 875  
0852 **WDDQ** 92.1 GA Adel, "Exit 10 information Radio", endless stream of Exit 10/Adel ads" 761  
MUF of 107.9  
1300 **WTEB** 89.3 NC New Bern, calls, no legal 830  
1309 **WMQX** 93.1 NC Winston-Salem  
1311 **WYFL** 92.5 NC Henderson, EBS test, said "This station serves THIS operational area"! Argh!  
1317 **WKQT** 103.3 NC Newport, Thunderhead Computer ad (isn't lightning bad for computers?) 853  
WAKG 103.3 VA Danville, ads, "You live in Virginia" (No listeners in NC, or IL?) 665  
1321 **WHITE** 103.7 NC Williamston, local ads 805  
1329 **WYFL** 92.5 NC Henderson, legal ID 722  
1924 **WFOV** 88.3 VA Hampton, mosquito control tips on WFOV-FM (Yeah! These tips alone make all my years of DX worthwhile) 806  
1946 **WSNE** 93.3 MA Taunton  
1950 **WPRO** 92.3 RI Providence

## FRANK MERRILL'S REPORT continues.

## MAY 25 E-skip cont

1952	WNTX	96.3 MA Nantucket "WMVY"	
		dual 92.7 and 96.3 ID	
1954	WODS	103.3 MA Boston	
1957	WMNR	88.1 CT Monroe, legal ID briefly	
		heard over WMBR	914
1959	WBUR	90.9 MA Boston, not legal ID	1024
2001	WSOC	91.7 NY Oneonta, "18000	
		members of WSKG...."	820
2001	WMBR	88.1 MA Cambridge, legal, rap	1023
2007	WAMC	90.3 NY Albany	
2014	WVCR	88.3 NY Loudonville, calls	886
2033	CBAF15	88.1 PEI Charlottetown	1440
30 TrS			
2303	WZNY	107.9 IL Arcola, "107.9 WZNZ Arcola	
		Mattoon-Charleston's best rock, Z108"	135
2346	WEZS	95.1 IL Carterville, "The music	
		continues on 95.1 WEZS, the new lite mix"	204
31 TrS			
0119	WDXR	94.3 IL Golconda, calls after k	235
0154	KYRX	104.7 MO Chaffee, "Missouri's fav	
		music on Y105", legal w/Cape Girardeau	232

## JUNE 1992 DX

5 Es			
1010	KLZY	92.5 WY Powell	957
1042	KQFC	97.9 ID Boise, calls	1329
1046	KZMG	93.1 ID New Plymouth, local	
		ad for Boise Village, "The Hot FM Magic 93.1"	1360
1101	KIZN	92.3 ID Boise, Kissin 92, k	1329
5 GW			
1102	KRNA	94.1 IA Iowa City, legal ID	95
6 Tr			
0622	WTKC	91.1 IL Kankakee, community	
		bulletin board tape, mono. What a waste!	154
0643	KIAI	93.9 IA Mason City, "Double	
		Country KIA, with the most k music"	228
0644	WMMM	105.5 WI Verona, "105.5 Triple M	
		Madison's best rock", local ad & wx	185
0648	WIKK	103.5 IL Newton, calls, DJ blab	163
1733	WQTY	93.3 IN Linton, WKZW off	210
1740	WNUA	95.5 IL Chicago, WGLO off	184
1959	W209AL	89.7 IL Macomb, WGCA 89.5	
		legal ID, see Note 2	6

## 6 MS

1653	CKKU	93.1 ON Ottawa, ad for Ottawa's new	
		rap senstenu, reggae song. Lasted about 1 minute	
		my longest burst! Was trying for KFKQ-WI.	831

## 6 Es

2034	KNAI	88.3 AZ Pheoniz, ID in English	
		and Spanish in middle of song!	1278
2048	KJOK	93.1 AZ Yuma, K-Jack 93 FM	1432
2050	KITI	95.1 AZ Yuma, Promo with calls	
		"Hello, Yuma" STILL need California!	1432
2105	KNAU	88.7 AZ Flagstaff	1201

## 7 GW

0000	WBBA	97.5 IL Pitsfield, legal ID	59
0000	KICK	97.9 MO Palmyra, legal ID, jingle	
		"Forgot to log these before" NOTE 3	64

## 8 Es

0116	CKHJ	93.1 NB Frederickton	1268
0140	CJLS	96.3 NS Barrington	1306
0142	WCME	96.7 ME Boothbay Harbor,	
		"Coastal Country 96.7 FM WCME", ad	1103
0147	WYNZ	100.9 ME Westbrook, woman DJ	
		between songs, verified per phone call	1066
0158	WCGY	93.7 MA Lawrence, legal ID	1021

## 8 Tr

0212	WIXY	100.3 IL Champaign, calls in jingle	
		country, helps to ruin another freq.	130

## JUNE 8 Trop cont.

0225	WKOT	96.5 IL Marseilles, MONO, oldies	
		"Pure Gold Rock n' Roll. Oldies 96-5"	119
0248	KARO	101.5 MO Columbia, ads for cent. MO	
		legal @ 0250, a crowded frequency now!	136
0300	KTXR	101.3 MO Springfield, legal ID	263
10 Tr			
0433	WDBM	88.9 MI E.Lansing, ph# 355-4237	
		this is "Kay" on Impact 89 FM	356
0448	WETN	88.1 IL Wheaton, taped legal ID	166
0449	WLUW	88.7 IL Chicago's Energy 88.7	186
0518	WCLR	95.7 OH Piqua, Clear 95.7	339
0530	WGMR	88.9 MI Grand Rapids, ID	311
0601	WIBN	98.1 IN Earl Park, sign on	
		with extremely distorted audio	171
0607	WAWC	103.5 IN Syracuse, Wawasee 103	250
0608	WBOR	95.7 IN Attica, local temp, etc	180
10 Es			
1850	KJOL	90.3 CO Grand Junction	
1900	K202AQ	88.3 CO Arrowhead Butte,	
		KPRN legal ID, NOTE #4	910
1908	K202AD	88.3 UT Orangeville, note 5	1070
		Note: local WIUS 88.3 off between semesters. Thanks!	

## 12 Es

2117	CBK	96.9 SK Regina	966
	CBKS	105.5 SK Saskatoon, parallel	1110
	CFMC	95.1 SK Saskatoon	1110
2124	CHSN	102.1 SK Saskatoon, end of	
		religious pgm "Hour of Rest" (verified via phone)	

## 13 Es

1925	WSTW	93.7 DE Wilmington	801
1928	WMPH	91.7 DE Wilmington, p format	
2055	WKRR	92.3 NC Asheville, ads, Rock 92	675
2059	WZFX	99.1 NC Whiteville, The Fox	
		99-1, Cape Fear Valley Medical Center	781
2100	WMEV	93.9 VA Marion, legal ID	553
2125	WTUB	93.7 SC Georgetown, coastal	
		weather, Georgetown shopper guide	796
2208	CHMX	92.1 SK Regina	966
2212	KZPR	105.3 ND Minot, local ads	752
2242	KZZZ	93.7 ND Minot, legal ID	752
2301	CIMG	94.1 SK Swift Current	1075
2305	KTYZ	92.7 MT Wolf Point, calls, k	910
2331	KPOX	92.5 MT Havre	1092

## 14 Tr

0252	WZWW	92.7 IN Kokomo, local wx	238
0259	WSKT	92.7 IN Spencer, k, phone calls	222
	WLRT	92.7 Kankakee weak all night, why?	154

## 14 Es. Wow!

1259	KDXT	93.3 MT Missoula, call letters	
		"the frequency 93.3, XT93"	1249
1300	KUFMT	89.1 MT Missoula, BBC mag	
1312	KAAC	98.9 MT Great Falls, TC, K99	1135
1315	KQSW	96.5 WY Rock Springs, ID	970
1319	KTRR	102.5 CO Loveland, Oldies Tri 102	
		(strict), Estes Park museum ad	758
1323	KOLT	103.7 WY Casper	825
1326	KLEN	106.3 WY Cheyenne, Light FM	
		106 is Cheyenne's official at work stn	742
1329	KGPR	89.9 MT Great Falls, Jazz on	
		10:30 Tuesdays here on MT Pub Radio	1135
1330	KWBJ	91.1 CO Morrison, semi-legal ID	767
1338	KPBI	105.9 CO Denver	760
1343	KMCX	106.5 NE Ogalalla, ad	580
1344	KSID	98.7 NE Sidney, calls	646
1345	KQKS	104.3 CO Longmont, legal ID	761
1348	KNNG	104.7 CO Sterling, King FM	659
1348	KOGA	99.7 NE Ogalalla, local ads	580

MORE DX TO COME ON THE NEXT PAGE!



## FRANK MERRILL'S REPORT continues.

## JUNE 14 Es continued

1350	<u>KELN</u>	97.1 NE North Platte, calls	530
1355	<u>KIMN</u>	107.9 CO Fort Collins, legal ID and "Power 107.9", Ft. Collins ad	757
1400	<u>KTRS</u>	95.5 WY Casper, legal ID	825
1400	<u>KPNY</u>	102.1 NE Alliance, legal ID	644
1401	<u>KSIT</u>	104.5 WY Rock Springs, calls	970
1407	<u>KVSR</u>	97.9 SD Rapid City, religion	
1410	<u>KAML</u>	96.9 WY Gillette, Camel Gold Rock and Roll Radio	802
1420	<u>KGWY</u>	100.7 WY Gillette, Y100 contest local ads for Gillette, weather	802
1422	<u>KIDY</u>	98.5 MT Billings, local ads "Billings Hot? FM Magic 98"	968
1424	<u>KOHZ</u>	103.7 MT Billings, calls given	968
1430	<u>KPSD</u>	97.1 SD Faith, new ES STATE SEE NOTE #7	656
1433	<u>KROE</u>	94.9 WY Sheridan, The 94.9 Heat	881
1434	<u>KKMK</u>	93.9 SD Rapid City, Magic 93.9	690
1437	<u>KSQY</u>	95.1 SD Deadwood, K-Sky, the Black Hills Best Rock, Foreigner mx	720
1439	<u>KIKC</u>	101.3 MT Forsyth, calls, satellite k	899
1441	<u>KGKG</u>	100.3 SD Rapid City, local ads	690
1446	<u>CIMG</u>	94.1 SK Swift Current	1075
1448	<u>KDZN</u>	96.5 MT Glendive, Magic 96	838
1451	<u>KDSR</u>	101.1 ND Williston, The Basin's best country, the king of country KDSR	833
1454	<u>KYYY</u>	92.9 ND Bismarck, Y93, ads	670
1458	<u>KQSD</u>	91.9 SD Lowry, South Dakota weather Alerts, separate legal ID	578
1505	<u>KTYZ</u>	92.7 MT Wolf Point CBK	966
1518	<u>CHMX</u>	92.1 SK Regina	966
1519	<u>KHHT</u>	97.1 ND Minot, K-Hit 97 forecast "66 in Minot", and mention of KXJB-TV	752
1519	<u>KBQQ</u>	99.9 ND Minot All Regina FMs	966
1542	<u>CKX</u>	96.1 MB Brandon, ads, "Your 1st choice Belmonst is KX96 FM" PROVINCE #8	791
1622	<u>CBWY</u>	92.7 MB Jackhead, MONO talk about Brazil conference (which Bush turned into a joke), fading in with Channel 5, NO Brandon on 96.1, 4, or 5, so I will count this as CBWY and not CBWS Brandon (which is stereo)	855

## 15 Es

2230		New Orleans tent. 89.9, 90.7, 93.3 WRBH	88.3 LA New Orleans	725
2254	<u>WQUE</u>	93.3 LA New Orleans, legal ID		725

## 16 Es

0651	<u>WCKW</u>	92.3 LA LaPlace, "We're 92.3 WCKW, New Orleans Classic Rock"	716
0655	<u>WBSN</u>	89.1 LA New Orleans, calls	725
0700	<u>WOCK</u>	92.7 LA Clinton, legal ID	662
0701	<u>KKNG</u>	92.5 OK Oklahoma City, Former Tr CLOSEST MACOMB E-SKIP	508
0705	<u>KMRK</u>	96.1 TX Odessa, calls	883
0712	<u>WRBH</u>	90.3 LA Baton Rouge, traffic, call	696
0718	<u>WRKF</u>	89.3 LA Baton Rouge, calls traffic, Baton Rouge weather	696
0737	<u>KLYT</u>	88.3 NM Albuquerque, car AD	949
0750	<u>KRST</u>	92.3 NM Albuquerque	949
0754	<u>KKOB</u>	93.3 NM Albuquerque	949
0800	<u>KCRT</u>	92.7 CO Trinidad, calls just barely heard, hasn't moved to 92.5 yet.	779
0805	<u>KQNM</u>	93.7 NM Gallup	1041
0807	<u>KTDB</u>	89.7 NM Gallup	1041
0816	<u>KALQ</u>	93.5 CO Alamosa, legal ID	842
0820	<u>KRYT</u>	107.9 CO Pueblo	760
	<u>KNYN</u>	95.5 NM Santa Fe	916

## JUNE 16 Es cont

0827	<u>KNMI</u>	88.9 NM Farmington, legal ID, end program for kids, upbeat song intro	981
0830	<u>K202??</u>	88.3 NM Farmington, currently outside the KSUT studios' 88.3 on map, 91.7 in the list!	981
0833	<u>KPCL</u>	95.7 NM Farmington, legal ID after Focus on the Family	981
0835	<u>KCME</u>	88.1 CO Manitou Sps.	766
0839	<u>KRDO</u>	95.1 CO Colorado Springs	761
	<u>KWYK</u>	94.9 NM Farmington	981
0843	<u>KKYY</u>	98.3 CO Gunnison, dual ID with KPKE 1490 and KKYY	877
	<u>KJOL</u>	90.3 CO Grand Junction	954
0851	<u>KGLX</u>	99.1 NM Gallup	1041
0855	<u>KVNA</u>	97.5 AZ Flagstaff	1201
	<u>KMGN</u>	93.9 AZ Flagstaff	1201
0907	<u>KXTC</u>	99.9 NM Thoreau, k\$, "XTC"	1015
0920	<u>KAFF</u>	92.9 AZ Flagstaff	1201
0922	<u>KQLS</u>	93.1 KS Pratt, NOTE #8	474
0928	<u>KNAU</u>	88.7 AZ Flagstaff, legal ID	1201
1030	<u>KNAI</u>	88.3 AZ Phoenix	1278
1042	<u>KPSN</u>	96.9 AZ Phoenix, calls, Sunny97	1278
1049		Arizona on 92.3 and 93.3	
1836	<u>CBK</u>	96.9 SK Regina	966
1844	<u>CIZZ</u>	98.9 AB Red Deer	
	<u>CKUA-6</u>	101.3 AB Red Deer	
	17 Super Tr!		
0000	<u>KLTY</u>	94.1 TX Fort Worth	646
0008	<u>KHMX</u>	96.5 TX Houston	800
0034	<u>KNUE</u>	101.5 TX Tyler, calls hrd twice had to contend with congested frequency	616
0048	<u>KRBE</u>	104.1 TX Houston, calls, ads	800
0128	<u>KEZA</u>	107.9 AR Fayetteville	357
0138	<u>KSCS</u>	96.3 TX Fort Worth	646
0143	<u>KLDE</u>	94.5 TX Houston	800
0204	<u>WRR</u>	101.1 TX Dallas	646
0207	<u>KBUS</u>	101.9 TX Paris, calls after song	541
0240	<u>KKYX</u>	106.7 TX Terrel Hills, fading in spots, "here on KKYX", fade back in with promo calls a few times (nice catch!-gc) NOTE 9	877
0303	<u>KPLT</u>	107.7 TX Paris, soft rock, Star 107	541
0313	<u>KISS</u>	107.3 TX Whitehouse, East Texas best mix, Kiss 107.3 (tough thru KGRS @ 40mi)	623
0328	<u>KWKH</u>	94.5 LA Shreveport, c&w, calls	575
0333	<u>KDGE</u>	94.5 TX Gainesville, spot for the Progressive Mix, "94.5 The Edge"	592
0340	<u>KGMV</u>	100.5 MO Aurora, "The new my Country 100.5 FM", promo, jingle	
0355	<u>KRMD</u>	101.1 LA Shreveport, "Arklatex" weather with semi legal ID	575
0400	<u>KVTI</u>	91.7 TX Dallas, legal ID	646
0400	<u>KNON</u>	89.3 TX Dallas, religious, celebrity basketball promo, ph# 823-2126	646
0404	<u>KTYL</u>	93.1 TX Tyler	
0406	<u>KVKI</u>	96.5 LA Shreveport, calls	575
0420	<u>KRLW</u>	106.3 AR Walnut Ridge, contest	303
0422	<u>KCWD</u>	96.1 AR Harrison, Still "97 Country"	320
0432	<u>KOLL</u>	94.9 AR Maumelle	410
0439	<u>KXOZ</u>	96.9 MO Mountain View, calls "playing the favorites of yesterday and today"	246
0443	<u>KEYI</u>	103.5 TX San Marcos, "my former Macomb Tr distance record"	838
0459	<u>KTUX</u>	98.9 TX Carthage, legal ID (a cool gold briefly faded up-KLTD?)	609
0531	<u>KFFB</u>	106.1 AR Fairfield, Weather for Central Arkansas, legal ID	346
0533	<u>KWOZ</u>	103.3 AR Mountain Home, k	326

## FRANK MERRILL'S REPORT continues.

## JUNE 17 tropo continued!

0614 KWMU 90.7 St.Louis off, 1st time ever!  
 0614 W214?? 90.7 IL, prayer, then weather on  
 WIBI (is this Springfield?)

## 17 Es!

1642 WFOS 88.7 VA Chesapeake, Tidewater  
 area campus calendar (various) 820  
 1653 WHRV 89.5 VA Norfolk, CBC prog'm  
 at 6:30, "here on WHRO" (88.3) 822  
 1750 WCPE 89.7 NC Raleigh, promo, calls 728  
 1759 WSCI 89.3 SC Charleston, legals 795  
WRJA 88.1 SC Sumter  
 1812 WALA 93.3 GA St. Marys, 93 A-one-A  
 Jacksonville's rock & roll station. 844  
 1821 WMTX 95.7 FL Clearwater 973  
 1823 WDDQ 92.1 GA Adel 761  
 1827 WOLZ 95.3 FL Fort Myers 1081

One of the fastest moving Es clouds I've even seen, and  
 it went in the "wrong" direction!

## 18 Es

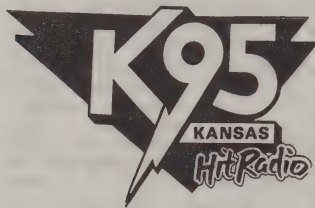
0934 KFAI 88.3 AZ Pheonix 1278

## 18 Tr

2255 WLHT 95.7 MI Grand Rapids 311  
 "heard on low skip antenna only"  
 2300 WBHM 90.3 AL Birmingham, legal ID, AL  
 temps, plenty of unID during this time! 525  
 2312 WDLT 98.3 AL Chickasaw, calls, ad 685  
 2316 WUMG 105.3 FL Chattahoochee, "UMG"  
 heard at tune in 749  
 2317 WILN 105.9 FL Panama City, Isle 106 764  
 2321 WZTZ 101.1 AL Elba, PSA: Coffee Cnty  
 voting, mention Enterprise and Elba 675

## 18 Es

2345 KALL 94.1 UT Salt Lake, Call-FM 1113  
 2350 KPCW 91.9 UT Park City, local talk  
 about school stuff, calls mentioned 1094  
 2353 K201AE 88.1 UT Cedarville, KPCW calls 1087



## 19 Es

0001 KISN 97.1 UT Salt Lake, legal ID 1113  
 0010 KJQN 95.5 UT Ogden, KJQ 1115  
 0012 KCPX 98.7 UT Salt Lake City 1113  
 0026 KCIR 90.7 ID Twin Falls, legal ID 1241  
 0028 KEZJ 95.7 ID Twin Falls, "here on  
 Idaho's most famous k music station" 1241  
 0032 KSLV 95.3 CO Monte Vista 854  
 0036 KRAZ 96.9 NM Farmington, Star 97 981  
 0038 KWYK 94.9 NM Aztec 968  
 0040 KBER 101.1 UT Ogden, K-Bear 101 1115  
 0041 KKAT 101.9 UT Ogden 1115  
 0047 KTSC 89.5 CO Pueblo, calls, promo 760  
 0051 KKMG 98.9 CO Pueblo, Boardwalk  
 U.S.A. in Colorado Springs, Magic 98.9 760  
 0057 KUSU 91.5 UT Logan, sign off, xlr list 1106  
 0058 KFLQ 91.5 NM Albuquerque, news,  
 etc. turned away to catch the below 949  
 0059 KRTZ 99.9 CO Cortez, legal after CW 987  
 0104 KBAC 98.1 NM Las Vegas, legal ID  
 with Santa Fe and Albuquerque 860  
 0108 KILO 93.9 CO Colorado Springs 761  
 0111 KCCY 97.9 CO Pueblo, not on 96.9 yet 760  
 0122 KRCX 91.5 CO Colorado Springs, reggae  
 called them, paralleled music over phone 761  
 0123 KUER 90.1 UT Salt Lake City 1113  
 0133 KKOR 94.5 NM Gallup 1041  
 0222 KADO 94.3 ID Rexburg, calls 1107  
 0245 KJQN 95.5 UT Ogden 1115  
 0250 KYCS 95.1 WY Rock Springs 970  
 0257 KBSW 91.7 ID Twin Falls, legal ID  
 with KBSU0259 KLIX  
 96.5 ID Twin Falls, 1241  
KQSW 96.5 WY Rock Springs 970  
 "KLI....Rock Springs"  
 0304 KLCE 97.3 ID Blackfoot, calls, NBC nx 1132  
 0307 KZRT 102.9 ID Jerome, "Idaho's #1 hit sta  
 Z103, we just keep going, and going, and going..."  
 0330! KUPI 99.1 ID Idaho Falls, here on  
 Kewpee 99, NOTE 11

## 29 Tr

0303 WGLM 106.7 IN W.Lafayette, "WGLM, our  
 name says it all (it does? -fm), Greater Lafayette's  
 music" (NOTE 12) 198

## JULY 4 Es

1842 XHPS t 93.3 VE Veracruz, very briefly

## 18 Es

1949 KQIX 93.1 CO Grand Junction 954  
 "July Es DX really gone down the toilet!"

NOTE 1 (17 May 0000/17 June 0614): It seems like I remember seeing references to this being Jacksonville instead of Springfield, and my 17 June logging on 90.7 confuses me more. Does anybody know what's going on?

NOTE 2 (06 June 1959): This new translator had terrible audio, and much weather than the 90.5 (same site). It was only on for a few days, and now has been gone for over a month.

NOTE 3 (07 June 0000): I finished spending 2 days sorting a reconciling my DX totals with the new FM Atlas, something I've needed to do for a couple of years. I wasn't satisfied until my log "physical count", my Atlas "count" (both map & frequency) all tied out EXACTLY. Oh to have this in a computer! Finally, everything added up to 1,849. Other specifics sent to Fred Nordquist. Thankfully, I did it when I did! The incredible blitz of DX June 8 to 19 would have made the initial project that much more intimidating, and more difficult.

NOTE 4 (10 June 1900): I had to log something here-I feel confident that I chose the exact translator I was hearing, though there are 4 possibilities. KBUT 90.3 was not heard, so I doubt K202AR Crested Butte; KKXX 94.1 was in but all Grand Junction were gone so I doubt K202BI Parachute or K202BJ Rifle which are even farther north than KKXX. K202AQ is near Montrose and has a fairly clear horizon (i.e a lake) in my direction.

NOTE 5 (10 June 1908): Weather for Wasatch Front, Salt Lake City temp, into All Things Considered. This was not KBQA SLC because g stations do not carry ATC, instead this is KUER 90.1. As in note 4, there are four choices for KUER station, and I had to log something. Orangeville more a "guess" than Note 4; it was merely the closest to the Es action (still more than 100 miles away), but near the near total lack of "regular" FMs in eastern Utah makes pinpointing more difficult. I should make some observations here (next page-gc)



A. This shows how, under rare circumstances, the conscientious DXer can make mistakes. If the station had faded out after the SLC temperature and before Corporate (?) Things Considered (hi), I would have probably logged it as KBQA! I don't believe I've logged any such red herrings, though. I remember an even stranger example in 1981 in Ohio, during simultaneous Tr and Es, when I was getting KDCR 88.5 IA announcing a program produced by "KTEP in El Paso" and the Es opening was to El Paso!, but the MUF was on and off FM. I can't remember if I actually heard KTEP on that date or not, also on 88.5!

B. Now that I've logged KPRNt and KUERT on 88.3, I will not be able to log any of their other 88.3's (such as the Rifle KRPNt) unless I hear two distinct signals fighting. Audios could indeed differ during such an Es opening, as one site could be getting skip interference, etc. This does get interesting, indeed.

NOTE 6 (13 June 2100): I actually did not want to log this on Es, but there it was. I was nearly tempted to "toss it back in". Why? Cause I've considered this to be my most likely VA tropo catch, and when I get a new Tr state it's nice! the station is a new logging, to, not just a new mode. Now it is likely WVTF 89.1 Roanoke. I am unlikely to have such a luxury with Tr to new states such as FL or CO, since I have logged most of the closer higher powered stations.

NOTE 7 (14 June 1430): No ID heard, merely talk about Faust and Wagner. Verified by phone call (SD was carrying this, but so was local WIUM 91.3). There are no other NPR stations on 97.1 (WLIC-MD is g) and this area was strongly in; I would have never counted this if it was on say 91.1

NOTE 8 (16 June 0922): Very strange propagation! I had assumed this as Es backscatter (though it was still there at 1038), it was very weak and extremely fady, like turbulent Es reception. After the big "blowout" (starting on UHF 6/16) to 6/19 (both Tr and Es stuff), this reception was immediately totally forgotten until right now, as I post DX data to my log. Since then I've become aware of similar unusual reception by Mike Hawk in Omaha, and I explained to him that I think he was having "his end" of the Tr duct tossed asunder by the turbulent weather occurring in that area. I can't really figure why my only sign of this was KGLS, except perhaps for the fact that the stations are so very sparse in that area. I am now calling this tropo.

NOTE 9 (17 June 0246): This is my undisputed personal Tr distance record. Formerly I had 3 personal Tr distance records, all clustered around 830-840 miles (one here, in Toledo, and Milan, Mich), and I never felt I knew my true record. Since this station is a "San Antonio" station, they cannot have their transmitter far enough NE of these to leave this in dispute. It also "couldn't happen on a nice freq.". ANYTHING besides WYLL-IL (a weak station itself) is either Es or "heavy duty" Tr reception

NOTE 10 (17 June 1642 & 1653): These 2 were heard on the car radio, on opposite sides of Monmouth, IL. I am 30 miles from there. I am still counting these, because their probable signals persisted (in and out) as I approached my 25 mile contour, and because both freqs are totally open in Macomb

NOTE 11 (19 June 0330): I believe this is the "deepest" into the middle of the night FM Es that I have ever experienced! I now need only the 0400's and 0500's to finish off my FM "skip clock".

NOTE 12 (29 June 0303): This, my 18th Tr on 106.7 (only 95.9 and 104.9 with 20 each, have more) gives me a total of 9,059 Tropo miles on 106.7 Has anybody else ever had this many Tr miles on one FM frequency? WKJR Sullivan, IL is still on 106.3; as far as I'm concerned they can take forever to move to 106.7!

What a strange season! Apparently, it "crashed and burned" just as summer officially arrived. This reminds me of the 1984 season, except that in 1984 I MISSED all the late May/early June ES because I was travelling to Newfoundland (great place!) That year there was also a lot of Es before late June and little after. The 1 May Tr was my first significant FM tropo logging in almost a year! There was that little Nebraska TV last August, but that was rather lame. Then there was January's WSTZ 106.7 MS (NO other apparent FM Tr), heard only due to the clear frequency. If the pace had kept up, 1992 would be my best DX season by far, but there's still time for good Es openings, and even more time for good Tr. Why has there been so much Tr to Texas? That's not supposed to happen this time of year! Texas Tr, I associate more with Sept. thru January. (We have been getting winter type weather in the northeast (fast moving low pressure tracks) maybe that is part of it-gc). Before 1992 I'm not sure I've ever had long haul Tr in a "more south than west" direction outside of the cooling off months. Tr to Oklahoma/Kansas seems to normally happen once every August in a massive opening. DXers plagued by locals and semi-locals (yeah, like there are some that aren't!) should note that my "low antenna" allows me to often get ES through stations 30-40 miles away, which is often difficult on the high antenna. I'm not convinced that this system seriously surpasses the "Bolin phasing system", though, and in fact the phasing is probably superior to my arrangement. I am certain it's better for getting Tr past locals, as Bill Nienajady and Ralph Srobel have proven. So, I hope to get a Bolin box before the year is out, and I'll finally be able to explore the true scientific limits of Macomb FM DX. But a point has been made here: if you cannot put up a tall FM antenna, or the 2 required for phasing, or if you must "hide" the antennas in the backyard, the resulting low antenna may give astonishing Es results. Totals now 1,963 from 47 states (need CA!, which has the most FM's of any state) I have 17 "duplications" (more than one type of propagation) 73

STATION NEWS: WSAE Spring Arbor, Mich is indeed on 106.9 now. WRRG 88.9 River Grove, Ill. is now dance music. WLRX 95.7 Nappanee, IN is AC and carries White Sox baseball. WKOT 96.5 in Marseilles, Ill. is on with satellite oldies, same feed now as co-owned WKEM 100.7 Coal City. Up in the Milwaukee area, WKKV 100.7 is quite urban "hit-dance" now, and WLUM is moving back in that direction. Thanks Mark Strickert for station updates. W238AB 95.5 in Rochester is on the air with a substantial signal (48 watts); it gets out well, so check for it. They translate WRQI 95.1 "Rocket 95", soft album

## DAVE NIEMAN-12284 NICE ROAD-AKRON, NEW YORK 14001-9529

Equipment: Carver TX-11 tuner IF filter modified. Channel Master Stereo Probe 9 at 36 feet on crankup tower, Channel Master 3617B VHF at 23 feet into phase box. Alliance HD-73 rotor and RG-11 coax.

New loggings are underlined. New call {K K K K}. New propagation mode WWWW.

## JUNE 1992 DX

## 30 tropo &amp; scatter

0143 W200 102.5 OH Edgewood, "102-200"

, r\$ 137

0150 {WIOG} 102.5 MI Bay City, r\$

ex WGER 273

0200WOLC 102.5 MD Princess Anne,

WMJG Buffalo off the air 362

## JULY 1992 DX

## 1 tropo

0800WNYR 99.5 NY Waterloo, mr\$

under WKSE Niagara Falls 84

## 3 Groundwave

1800 W238AB 95.5 NY Rochester, \$

ex 105.5, WRQI 95.1 49

## 7 E-skip &amp; backscatter

2018 KTTX 106.1 TX Brenham, "K-Tex-106"

k\$ 1323

2033 KKYX 106.7 TX Terrell Hills, "Classic

Country", k\$ 1459

2045 KUEZ 99.3 TX Lufkin, r\$ 1194

2105 WVXU 91.7 OH Cincinnati, ID, j\$ 408

12 E-skip

0910 KUAD 99.1 CO Windsor, "K-99"

lcl adds, k\$ 1356

18 E-skip

1900 KMCM 92.5 MT Miles City, ID, r\$ 1363

over WBEE Rochester

Little going on in this reporting period. No distant tropo but still some skip. Dave

## DAVE NIEMAN-HO STA GEH, ROAD-ROCK CITY, NEW YORK

Equipment: Technics ST-8080 tuner IF filter modified. Antennacraft FM-10 at 20 feet, RG-6 coax and Radio Shack rotor.

New loggings are underlined. New call {K K K K}. New propagation mode WWWW.

## JULY 1992 DX

## 10 Meteorscatter

1033 WQK 99.1 FL Jacksonville, contest

promo with Ch. 17, \$ 827

## 25 tropo

2005 CFLZ 91.9 ON Niagara Falls, ID

Visitors Information Radio 81

## JULY 1992 DX

## 26 tropo &amp; scatter

0800 WWSB 94.7 ?? ???????,

0903 WHLX 105.5 WV Bethlehem, "Easy-105.5

-FM", b\$ 179

Put the FM antenna up on a 20 foot guyed mast but haven't had much time to play around with it. Dave

## JOEL ROSENBERG - 14 GLENAYR RD - RICHMOND HILL, ONTARIO L4B 2W3

(416) 884-8454, Equipment: Marantz 125 tuner, 6 element yagi at 50 feet

## APRIL 1992 DX

## 15 Tr

2033 WBTF 101.7 NY Attica (Joel this is what

you had, GENESSEE Country Lite 101.7-gc)

2114 WMAX 106.7 NY Irondequoit, weaker

than most Rochester stations

## MAY 1992 DX

## 13 GW

0730 CIRV 88.9 ON Toronto, several days

operating off frequency

## 21 Tr

0820 CKRZ 100.3 ON Oshweken, FM 100.3

heard in car, but not heard since at home:

WZPR in Meadville is too strong

## 22 Tr

0735 WSFW 99.3 NY Seneca Falls, Finger Lks

## JUNE 1992 DX

## 17 Es

1711 KWFC 89.1 MO Springfield, religious

1713 KLPI 89.1 LA Ruston

1718 CFMU 93.3 ON Hamilton (relog)

1721 KMAG 99.1 AR Fort Smith

1729 KUAR t 89.1 AR Little Tock, All Things

Considered, Arkansas weather

1811 KUEZ 99.3 TX Luftkin

1812 KTUX 98.9 TX Carthage, Tux 99

1813 KODA 99.1 TX Houston

## JULY 15 Tr/GW

0820 CFLZ 91.9 ON Niagara Falls, heard in

car, some fading, lader at home steady, "See

Falls" Niagara Parks Commission tourism info

Was this a poor year for skip or did it all happen mid-day (No, it was probably the worst year I have had for skip, and many others have said the same thing-gc). Not much heard in evenings? Maybe we need a W.NY - S.Ont phone cascade.

73's Joel

## REPORT TO THE VUD



## MIKE BUGAJ - 69 SHERMAN ROAD - ENFIELD, CONNECTICUT 06082

Equipment: Carver TX11 (modified IF) and ten element Finco antenna @ 30' agl

MAY 1992 DX26 Es

1940 WCTQ 92.1 FL Venice, k  
 1952 WQYK 99.5 FL St.Petersburg  
 1954 WQLM 92.9 FL Punta Gorda  
 2000 WYFO 91.9 FL Lakeland, g  
 2013 WMMO 98.9 FL Orlando

JUNE 1992 DX3 Es

2126 WJXN 92.9 MS Utica, Jackson 96ers BB

5 Es

1238 WTUG 92.9 AL Tuscaloosa, Power 93  
 1241 WQSB 105.1 AL Albertville, k  
 1245 WZYP 104.3 AL Athens  
 1254 WAXM 93.5 VA Big Stone Gap, 93X  
 1310 KIPR 92.3 AR Pine Bluff, Power 92  
 1319 KMEC 92.1 MO Centralia, g

9 GW

0800 Open carrier on 97.3 and in \$, and very strong.  
 It must be Litchfield.

10 Es

2021 WSTR 94.1 GA Smyrna  
 2023 WOKK 97.1 MS Meridian, 97-OKK  
 2031 WUAL 91.5 AL Tuscaloosa  
 2035 WSYE 93.3 MS Houston, Sunny 93  
 2037 WTXT 98.1 AL Fayette

13 Es

1941 WNGS 92.1 FL W.Palm Beach, Wings 92-1  
 1943 WCMQ 92.3 FL Hialeah, Spanish  
 1944 WQBA 107.5 FL Miami, Spanish  
 1946 WHOT 105.1 FL Coral Gables  
 1947 WEAT 104.3 FL West Palm Beach  
 1948 WWUS 104.7 FL Big Pine Key, US1 Radio  
 1951 WZTA 94.9 FL Miami Beach  
 2120 WCTQ 92.1 FL Venice  
 2122 KRRM 105.3 TX Dallas, Young Country FM105  
 (Mike, note the call letter change-gc)  
 2125 WOOF 99.7 AL Bothan  
 2137 WKRY 93.5 FL Key West, Key 93, best music  
 in the keys.  
 2139 KLTY 94.1 TX Fort Worth  
 2141 WQBA 92.9 FL Punta Gorda (?-gc)

JUNE 17 Es

1822 KBEZ 92.9 OK Tulsa  
 1828 KTLS 93.3 OK Ada  
 1817 KMMY 97.1 OK Muskogee, Y-97, k

17 Tr

2015 CFCA 105.3 ON Kitchener, MASE Radio network

A net with other stations? (Dunno, I have never heard of that before-gc)

2023 CKGL 96.7 ON Kitchener, rock and KG-96, must be them (Sorry, they do not use that slogan, and are country. I wonder who this could be, someone new on the air maybe?-gc)

2045 WDHL 100.3 NY Delhi, rock

2051 WRQI 95.1 NY S.Bristol, ID with Rochester

2230 WZBG 97.3 CT Litchfield, testing with stereo soft rock. Very strong. Began normal broadcasting over 4th of July. CBS nx on the hour

18 Tr

0651 WARM 103.3 PA York, Warm 103  
 0657 WQXA 105.7 PA York, Power 105.70708  
 WWMX 106.5 MD Baltimore, Mix 106.5, no problem from the Ledyard station.

0718 WXYW 102.7 MD Baltimore, V-103

0722 WDAC 94.5 PA Lancaster, weather

0741 WQSR 105.7 MD Catonsville

JULY 19924 Es

1950 WVFJ 93.3 GA Manchester, Joy-FM  
 1952 WBLX 92.9 AL Mobile

12 Es

2012 Barely to FM (and very weak on TV) but did see an ID slide from TX on Ch4. Checked FM, almost nothing but did hear and tape Spanish music for about 20 seconds on 93.3! I'll bet my dog it's Mexico again but this time I'll never know. Just music with a girl singing in Spanish. (Hate to disappoint you, Mike, but Port Arthur, Tex. on 93.3 is now Spanish, KLTN "Radio Latino" I believe the slogan is. Could've been them if you were getting Texas on TV-gc)



Notes: Here it is July 10th and Es has just about been zero since June 17th. Is this correct, or am I just not checking enough? (No you are right, it has been a very poor year for skip, and trop in some areas-gc). Even tropo has been way down and the weather has been nuts...cool, lots of rain/thunderstorms and low pressure areas. People are blaming the volcano on this stuff. Sounds good to me. My Carver tuner is back in use again. Only took about 10 days at an authorized service shop, but this time I put the original filters back in before giving it to them. So, if you are one of those who have modified the filters in your set, hang on to the originals just in case your rx dies and save yourself mucho grief.

## MIKE CHERRY - BOX 631 - GANGES, BRITISH COLUMBIA V0S 1E0

Equipment: same. Also using Channel Master rabbit ears with 6-position capacitor for nulling.  
 = mobile logging

APRIL 1992 DX1 Tr

0559 KMBI 107.9 WA, ID, relig 299  
 0600 KKPL 96.1 WA, Lite 96, ID\$ 299  
 0617 KMHD 89.1 OR, Morning edition\$ 236

0622 KWJJ 99.5 OR, traffic, k 234

19 ms=Nanaimo, BC

0914 KAWZ 89.9 ID "again for Hour of decision  
 on KAW....." 614

MORE OF MIKE'S DX ON THE NEXT PAGE.

## MIKE CHERRY'S REPORT continues.

## MAY 1992 DX

4 Tr  
 1938 KSKD 107.1 OR, local ad, m 324  
 1953 KHPE 107.9 OR, K-Happy. g mx 320  
 23 Es  
 1057 KYDZt 90.1 WY, could only ID "DZ"  
 tentative  
 1059 KKLX 96.1 WY, wx, ID\$  
 1100 KCTR 102.9 MT, Billings best k 735  
 1103 KSLT 107.3 SD, gr with DJ, \$  
 1104 KDPR 89.9 ND, end NPR, n\$ 964  
 1113 KMPR 88.9 ND // 89.9, wx, c\$ mx 1012  
 28 MS  
 0626 KBSU 90.3 ID, "BSU" over KMSU! 499

## JUNE 1992 DX

13 Es  
 1251 KEPC 89.7 CO funk, ID, ph# 1157  
 1256 KRYT 107.9 CO K-Rite, wx\$ 1187  
 14 Es  
 1008 KLON 88.1 CA, blues, ID, promo\$  
 19 TrS  
 0629 KBOO 90.7 OR, high school sports  
 scores, ID over semi-local KBER, 5 min. 236  
 27 Tr=Vancouver, BC  
 2000 KLCC 89.7 OR, ID, jazz\$ 379  
 2008 K201?? 88.1 WA, xlr of KPLU,  
 very weak, 10 watts! 101  
 2010-2200, relogs North Central Oregon.

Not DXing FM very much anymore. I'm concentrating on 6 meters and 45-75 Mhz TV DX mostly. Most of my FM DX is done while away from home. The few openings caught from home have been while checking the MUF. Nice to have a little Es on FM - this year has been slightly better than average for Es - certainly better than last year (I am glad skip was good somewhere at least!-gc). Hope everyone got some new ones on FM this summer, 73\$, Mike VE7SKA

## STEPHEN WEST - 26 DOUGHERTY BLVD G8 - GLEN MILLS, PENNSYLVANIA 19342

N3FYO, (215) 358-2648

## MAY 1992 DX

20 Tr  
 0720 WZZU 93.9 NC Burlington  
 WZNS 92.9 SC Dillon  
 WQOK 97.5 VA South Boston-Raleigh  
 WOBR 95.3 NC Wanchese  
 22 GW  
 1700 WHHS 107.9 PA Havertown, new freq.  
 from 89.3

## JUNE 1992 DX

7 Tr  
 0230 WOBR 95.3 NC Wanchese  
 FROM KILL DEVIL HILLS, NC  
 1000 RJR 90.5 Jamaica  
 1000 KTEP 88.5 TX El Paso (1760)  
 KEOM 88.5 TX Mesquite  
 KNTU 88.1 TX Denton-Dallas  
 KERA 90.1 TX Dallas  
 FROM GLEN MILLS, PA  
 17 Tr  
 0300 WOBR 95.3 PA Wanchese

Installed an FM car signal amplifier and overload reducer to the SA-222 stereo in the car. Works great even in Metro areas. The Radio Shack FM auto amplifier is worthless. Antenna specialist and Winegard auto FM amps work well. Installed a Heathkit crystal filter (not ceramic) from an old AR-15 supertuner to the Technics SA222. It had the same loss as the ceramic ones in the SA22, was about as sharp as a 180. The audio quality was a little better with the Heath crystal filter. The ceramic filters 150s I ordered have a small "D" on bottom, some have "F". The "F" ones are sharper than the "D"s.

## SAUL CHERNOS - 79 RIDGE DRIVE - TORONTO, ONT. M4T 1B6 (TEMPORARY)

## JULY 1992 DX

2 Tr (east Toronto/Scarborough bluffs)  
 0946 WNJA 89.7 NY Jamestown  
 0947 CFLZ 91.9 ON Niagara Falls  
 0947 CFMO 93.9 ON Ottawa  
 0953 WSWF 99.3 NY Seneca Falls  
 1038 WMAX 106.7 NY Irondequoit  
 1055 WCII 88.5 NY Spencer, g // 90.3  
 1055 WCIH 90.3 NY Elmira, g // 88.5  
 1057 WNYO 88.9 NY Oswego  
 1058 WKPK 105.3 NY Hamell  
 1108 WCPN 90.3 OH Cleveland  
 1109 WGCC 90.7 NY Batavia, pr, 90.7  
 1126 WNNR 103.5 NY Sodas  
 1135 WAAL 99.1 NY Binghamton  
 1139 WNTQ 93.1 NY Syracuse, 93Q

## JULY 2nd trop cont.

1140 WZOS 96.7 NY Oswego  
 1141 WGES 105.5 NY Oswego  
 1144 WPCX 106.9 NY Auburn  
 1147 WQNY 103.7 NY Ithaca, Q104  
 1148 WKGW 104.3 NY Utica, KG104  
 1148 WICB 91.7 NY Ithaca  
 1150 WSQG 90.9 NY Ithaca  
 1152 WLZW 98.7 NY Utica  
 1159 WACZ 93.9 NY Danville, Genessee Vly.  
 1211 WJSL 90.3 NY Houghton, g not // 88.5  
 1227 WQXK 105.1 OH Salem  
 6 Es/Tr (central Toronto, east Toronto)  
 1445 Es on 90.7, 90.5, 99.1, etc  
 1455 WCPN 90.3 OH Cleveland  
 1500 CKRZ 100.3 ON Oshweken



## SAUL CHERNOS' report continued.

## July 6th Tr continued

1500 C... 91.9 ON Toronto, see notes  
 1649 WKAR 90.5 MI East Lansing  
 6 Es (Peterborough)  
 2026 KPLV 93.3 TX Port Lavaca, Country 93  
 2028 KITT 93.7 LA Shreveport  
 6 Tr (Burnt River)  
 2300 WKLQ 94.5 MI Holland, "KLQ"  
 9 Tr (Burnt River)  
 0728 WRVJ 91.7 NY Watertown  
 9 Es (Peterborough/BR)  
 1014 WMNF 88.5 FL Tampa (P)  
 1040 WNFB 94.3 FL Lake City, B94, (BR)  
 9 MS (BR)  
 1038 CKMF 94.3 PQ Montreal, FF "Montreal.."

## JUNE 16 Tr (BR/P)

2145 WCIH 90.3 NY Elmira, g // 88.5 (BR)  
 2250 WOKO 98.9 VT Burlington (P)  
 17 Tr (Toronto)  
 1730 C... 91.9 ON Toronto (central TO)  
 2023 ..... 91.7 ON Scarborough (see note)  
 2029 WKQI 95.5 MI Detroit, Q95 (ne TO)  
 18 Tr (Bluffs/central TO)  
 0030 WYTN 91.7 OH Youngstown, g (bluffs)  
 0104 WJMO 92.3 OH Cleveland, Jammin 92  
 0125 WRKT 100.9 PA North East, Rocket 101  
 0857 WMCE 88.5 PA Erie, jm (central TO)  
 0905 WCTL 106.3 PA Union City, g, Life 106.3

**WFMS FM**  
 98.5  
 A Country Music

An early start to the Es season and a really early end. 1992 ranks as the most bizarre year I've had since I started DXing in 1975. July had 5 minute openings on TV2 - real short stuff like August. And there's been no long haul tropo. The weather has been weird - not one heat wave. The 91.7 was at Warden Ave and Bridletown Circle in Scarborough and I Des as York Condominium Corporation (YCC) 129 and gave info about swimming pool and other condo features. I was in a parking lot waiting for a friend. Do we count these under WTFDA statistics guidelines? (I think you can count them Saul, but I am not positive. Anybody know?-gc). CFLZ is a new Travellers Information Station on 91.9. I can get as far away as 30 minutes car ride from Lindsay-Peterborough, but I can't yet pull in at Burnt River on rotor, even though it's a good direction. I haven't tried much yet, though. The two 91.9 Toronto stations are likely the same thing - the annual Molson Indy car race station - with the first logging probably a test. It had lame mono music. The Es gods stuck it to me good July 6, 8, and 9. I get a second Es opening June 6 when I am back in Peterborough River (thanks for your earlier call, Greg C.) and I hustle into the car and head for BR. Five minutes later, it's shot from TV2 to FM. I get a couple loggings, and it's gone completely by the time I get to BE, an hours drive away. On July 8 I have no sign of anything on TV at 0930, so I head home. Sure enough, I hear talk on 88.5 about the CIA running drugs to finance its covert warfare operations in central America and an ID as WMNF Tampa. I do a U-turn and manage to snag WNFB inside BR territory. I also logged CKMF in a valley on a real dear burst; CKMF was in very weak on Tr at higher elevations! On July 9 I get MB on 2, so I head to BR area but nothing happens for hours. Nothing on TV when I return. Maybe there's still time for late season Es and some decent long-haul. With no full time or serious freelance prospects in Peterborough, I'm planning to move to Toronto, media capital of Canada, on Sept. 1. I think I'll be living downtown but will use my parents' address for mail until I am settled down. 73's - Saul

## JIM RENFREW - 61 WILCOX ST - ROCHESTER, NEW YORK 14607

(716) 461-2717 Home, (716) 494-1847 (work Tu & Th), JVC auto radio. Mileage: Fred's printouts, EDT

## JUNE 1992 DX

25 GW

1050 W238AB 95.5 NY Rochester, WRQI 95.1 xltr, replaces 105.5 translator. Strong, probably 10 watts (I think they are 48 watts, Jim-gc). It carries much better to my primary listening post in Bergen than the 105.5 ever did (darn!). Statn receptionish says they put it in to cover the Pinnacle Hill area of Rochester (the FM/TV ant farm clearly visible from my front porch) where WRQI reception is usually destroyed by overlod from other locals. After losing one prime DX freq, imagine how shocked I was to find WRQI on a third channel on July 9-105.9. Flat sound, but strong. Same receptionish said they were doing work on the transmitter in South Bristol. Quite a spur, 45 miles away! Now gone 10

## JULY 1992 DX

7 Es (At least 107.3)

1411 WZBA 104.9 MS Moss Point, Big Cntry 1066  
 1412 WGUD 105.9 MS Pascagoula, Good 106 9  
 1415 WMBY 91.9 AL Dixons Mills, religion, ID and weather. address given. STATE 20 947

## JULY 7 Es continued

1417 WABB 97.5 AL Mobile, calls, rock, ID 1037  
 1420 WMAU 88.9 MS Bude, PRM annmcnt 1087  
 1424 WYDH 105.9 AL Atmore, "best hits Y-105, WYDH" 998  
 1429 WSSY 97.5 AL Talladega, "Sunny 97" in for just a moment over WABB, 910 watts! 814  
 13 Ms-Tr  
 0442 WTOR 104.1 NC Winston-Salem, seemed to be MS (I'm still trying to figure how MS is different from TrS. I'm calling this MS because there was no other sign of them before or after. STATE 21 (it does sound like this was a MS burst-gc) 506  
 0500 WCID 89.1 NY Friendship, Family Life 70  
 0717 CITE 107.3 PQ Montreal, annrc in FF no ID, u/WRCK, WDBA, WNWV. 258  
 15 Tr (Es 1107-1130 EDT, MUF 3)  
 2212 CFLZ 91.9 ON Niagara Falls, "Visitors and Information Radio Service" tape loop. Anybody know the power? (Thanks to tip from Dave Nieman) (Note the calls, Jim-gc) 75

## BOB ZENT - 1835 FRUIT ST. - HUNTINGTON, INDIANA 46750

## MAY 1992 DX

8 Es  
1031 KHOY 88.1 TX Laredo, calls, Spanish 1225

12 Es  
1150 KXTT 88.1 TX Lubbock, local wx 1030  
1200 KMSI 88.1 OK Moore, g, ID 740

## JUNE 1992 DX

2 Es  
1226 KWKH 94.5 LA Shreveport, contest, call 735

6 Tr  
0059 WIXY 100.3 IL Champaign-Urbana, k  
ID, new on the air 155

7 Tr  
2325 WTKC 91.1 IL Kankakee, ID,  
continuous tape loop 125

13 Es  
2100 KRVN 93.1 NE Lexington, m, ID 740

2108 KHHH 94.7 CO Boulder, calls, j 1030

2115 KNEB 94.1 NE Scottsbluff, k, calls 940

2140 KKUL 95.5 MT Billings, call, lcl ad 1180

2200 KNYN 95.5 NM Santa Fe, k, ID 1160

2201 KMCM 92.5 MT Miles City, r, ID 1070

2230 KZLS 97.1 MT Billings, r, ad, calls 1180

2259 KEMC 91.7 MT Billings, j, ID 1180

2334 KROE 94.9 WY Sheridan, calls 1100

16 GW  
0002 WGLM 106.7 IN Lafayette, r, ID  
new on the air 78

## JUNE 18 Tr

0250 WYMG 100.5 IL Jacksonville-Springfield  
r, WWKI off the air 250

19 Es

0101 KQNM 93.7 NM Gallup, r, sign off 1310

0103 KKOR 94.5 NM Gallup, o, calls 1310

0106 KGLX 99.1 NM Gallup, k, calls 1310

## 22 GW

0000 WIBN 98.1 IN Earl Park, sign off, gave  
station address as Oxford, IN, or WDFM 103

## 28 Tr

0300 WOTL 90.3 OH Toledo, g, ID, WBCL off 110

0336 WUTC 88.1 TN Chattanooga, c 400

0400 WMBW 88.9 TN Chattanooga, g, ID 400

1122 WIKK 103.5 IL Newton, r, calls, (new) 180

1150 WMSI 102.9 MS Jackson, k, ID 600

## 29 Tr

0202 KJMS 101.1 TN Memphis, s, ID, K-Jams 460

0401 WYQC 102.9 TN Shelbyville, k, ID 370

## 30 Tr

0200 WKED 103.7 KY Frankfort, r, ID new 190

## JULY 1992 DX

## 7 Es

1120 KLUX 89.5 TX Robstown, b, PSA, call 1150

1124 KXGC 96.9 TX El Campo, k, ads, call 1010

1200 KLDN 88.9 TX Luftkin, c, ID 840



It's been quite a long time since I last reported to this column. I've been somewhat lax about keeping my log up to date but, hopefully, I will find more time to do so now. 1992 has, so far, been quite a productive year for DX here. FM skip has been good. Was in well past midnight on one occasion. Add to that another nice tropo opening into the deep south. On the down side, however, six new semi-locals have come on the air since the first of this year, with more on the way. Oh well, I suppose I shouldn't complain. For the past couple years I've been using a Philips model 673 FM tuner. This is a tuner from the late 1970's, which I later modified with the McVey IF amplifier board (see November 1990 VUD). Earlier this year, I purchased a new Onkyo T-9090II. Both tuners are connected, thru a good quality antenna switch, to a Channel Master FM antenna at 45' AGL. I have not tried to do any modifications to the Onkyo because it is under warranty. My impressions of the two are as follows: The Philips seems to have a very slight edge in sensitivity. Although weak signals can be heard with either tuner, the audio is a little more intelligible on the Philips. This is with very weak troposcatter. The Onkyo, in the super narrow IF mode, may have a slight edge in selectivity. Although the Philips is an analog tuner and can be tuned slightly off frequency for better adjacent channel reception. So it's really a close call. The Onkyo tunes in discrete 25kHz steps, and one step up or down seems to be a little too far off center of channel to get really usable audio from extremely weak stations. On the other end of the scale, the Onkyo doesn't overload as badly as the Philips with very strong signals. And for critical listening the Onkyo has much better audio, especially in the wide IF mode. I can't tell any difference between the two as far as capture effect. My main complaint about the Onkyo is that it takes too much time to step up or down thru the frequencies. For example, to get from 101.1 to 101.3 one must tune thru eight different steps. Of course, tuning accuracy is far better than one could get with an analog tuner. In summary I would say both the T9090II and the modified Philips are good DX machines, but I find myself reaching for the Philips a little more frequently during a hot DX opening. So far I haven't tried any kind of antenna phasing system here, mainly because I haven't room to put up another FM antenna. However, I have seen what phasing can do, and am very impressed with the system that Ralph Strobel had installed at his location in Muncie, IN. Hopefully I will find a way to get something going here. FM total is 1291. 73s, Bob

## ROGER WINSBOR - 706 LONGRUN - VALPARAISO, INDIANA 46383 (219) 759-3131

A trip through Wisconsin to Bruce Elving's house has been the highlight of this summer. I bought a used Olds 98 and we went for the cruise. Many changes in Wisconsin, here they are:

7/18 WMMM 105.5 is AOR classics, Verona-Madison, WISC  
WDDC 100.1 Portage, WI is now Mix 100, ex FM100  
(MORE STATION NEWS FROM ROGER ON THE NEXT PAGE!)



ROGER WINDSOR'S report continues.

- 7/18 WZFR 94.5 Tomah, WI automated oldies, a 2 minute dead air spot in between commercials, poor signal in town  
 WBOG 96.1 Tomah, WI on in \$ with oldies  
 WISM 98.1 Altoona, WI is classic rock  
 WECL 92.9 Elk Mound, WI nonID is Lite-FM 92-9  
 WQRB 95.1 Bloomer, WI ex WPHQ, is cw strict, non-ID is B95  
 IDs with Chippewa Falls/Eau Claire, is \$  
 WXMG 106.3 Spooner, WI is not on air at all  
 WMEO 92.1 Menominee, WI on with pwr increase, oldies in \$  
 WRLS 92.3 Hayward, WI now here ex 92.1. This is getting to be a crowded northern Wisconsin channel!
- 7/20 WELY 92.1 Ely, MN, in \$ at Bruce's with oldies, non nonID, 24 hrs  
 WL0L 105.3 Cambridge, MN, noted ex 105.5 in \$ with AC  
 WBJI 98.3 Blackduck, MN noted in \$ with Oldies 98 nonID, not strict  
 KXRA 92.3 Alexandria, MN is \$ with KX92, nonID with AC  
 WKLK 96.5 Cloquet, MN, is now \$ oldies //AM, no non!), a real powerhouse out about 100 miles, but couldn't be heard in downtown Duluth!
- 7/22 travelling through upper WI towards Appleton WI  
 100.9 WXPB translator in Ironwood, MI not on  
 103.1 WWIB " " " " " "  
 93.5 WRVM " " Rhinelander, WI not on  
 92.1 WRVM " " Merrill " " "  
 95.3 WRVM " " Appleton " " "  
 93.5 WWIB " " Wisconsin Rapids " " WOZZ on 50kw now  
 92.3 WOSX Spencer, WI here now, ex 92.1, in \$ with oldies  
 92.3 WFCL Clintonville, WI here ex 92.1 in \$ with cw, Q92  
 96.5 WOMA Algona, still on 96.5, fighting WKLH tooth and nail  
 107.5 WEZR Brillion, WI not on yet  
 98.7 WMVM Mayville, WI not on yet  
 106.7 WFDL Lomira, not on yet  
 95.9 WJLW DePere, on cw\$, no nonID heard, uses calls

That's it. The trip was great and through it all we did listen to stations for extended periods of time. KTCZ 97.1 is my favorite Twin Cities station. One last item: WJFM 93.7 MI is now cw using a B-93 nonID and I have yet to hear a call letter given!! (The calls are WBCT I guess-gc). Goodbye to a good AOR station I listened to a lot. WKQX 101.1 Chicago is now AOR bucking against XRT and The Loop, still Q101, Chicago's Rock Alternative. 73 Rog

### DAN OETTING - 22 CARRIAGE LANE - EXTON, PENNSYLVANIA 19341

Equipment: HK Citation 23, Yamaha T70, Archer 20db booster & rascally rabbit ears

#### JUNE 1992 DX

- 1 Tr  
 0006 WSKR 102.7 NJ Petersburg, All Sports Radio  
 4 Tr  
 0927 WJUN 105.9 DE Lewes, k, Kicks 106, new  
 5 Es  
 1033 ZBM 89.1 BER Hamilton, ID, rm  
 1047 Es off FM  
 14-19 from Bridgeton, BARBADOS  
 98.1 Liberty FM, mostly reggae with some r&b ballads.  
 104.1 Yes-FM and "Yes Ten Four", mostly American a/c artists (Mariah Carey, Whitney Houston, Wilson Phillips, etc), along with some Motown, reggae, on occasion  
 ?? BBS-FM  
 104.7 one restaurant had a poppish request program on its speakers, but only IDed as 104.7 FM, this is not from Barbados?  
 ?? Voice of Barbados  
 25 Tr  
 1819 WGRG 91.3 PA Lewisburg, ID

#### JULY 1992 DX

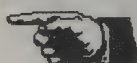
- 3 Tr  
 0930 WSFL 106.5 NC New Bern, ID  
 0935 WMYA 96.1 VA Cape Charles, Touch 96, local mentions  
 21 Tr  
 0745 W214AL 90.7 PA Denver, WRTI ID28 Es  
 1020 Es starts on FM  
 1030 KEZO 92.3 NE Omaha, rp, Z92  
 1042 KSAJ 98.5 KS Abilene, o, ads, Oldies 98.5  
 1045 KTGL 92.9 NE Beatrice, rp, The Eagle  
 1054 KXCV 90.5 MO Marysville, ID  
 1055 KYNO 90.7 NE Omaha, c, ID  
 1059 KLOS 91.5 NE Omaha, t, ID  
 1100 KHNE 89.1 NE Hastings, NPR, ID  
 1106 KNCY 97.7 NE Nebraska City, ads  
 1128 CBA 95.5 NB Moncton, c  
 1128 CBD 91.3 NB Saint John, CBC mono, PEI nx  
 1148 CKLE t 92.9 NB Bathurst, French pop  
 1149 Es off FM, PQ and NB on TV till 1330

**EAGLE 106**

Wow! What an incredibly boring summer. At least DX-wise. Getting married on June 13th and a honeymoon to Barbados was exciting though (congrats-gc). My wife loves it when I get a DX phone tip at 6:30 in the morning. Then I explain to her that SC is coming in on FM and she says "That's nice" and rolls over and goes back to sleep while I check out the tropo. No, I didn't DX on our honeymoon. I did observe what stations cab drivers were listening to though. Details in a bit. I don't know whether all the E-skips happend while I was working, but according to my records, there was absolutely NO e-skip from 6/9 to 7/28. Not even on TV. (There were a few openings, but not that many. It has been a poor season in the northeast-gc). This is extremely unusual. Were all the openings during the day? Nice skip on 7/28 from Canada to lighten things up. 'Tis all for now, Dan O.



## WELCOME NEW REPORTER!



ALAN R. MILLMAKER - 2714 LAKE RD - CENTRALIA, ILLINOIS 62801 (KA9GUL)

Equipment: Realistic STAV-3200, (?-gc) 3030, Winegard CH6065 up 20 feet, Armstrong rotor, realistic 0-20db amplifier. All stations are new.

## JULY 1992

## 9 Tr

0006 WDDD 107.3 IL Marion  
0024 WUEZ 103.5 IL Christopher  
1400 WKBG 106.5 IL Granite City

## 10 Tr

0206 WIBI 91.1 IL Carlinville  
0214 WIL 92.3 MO St. Louis  
0500 WSEI 92.9 IL Olney  
0502 KSHE 94.7 MO Crestwood  
0504 KSD 93.7 MO St. Louis  
0518 KHTK 97.1 MO Florissant  
0601 WGEI 101.7 IL Greenville  
1201 KLOU 103.3 MO St. Louis  
1402 KYKY 98.1 MO St. Louis  
1426 WMIX 94.1 IL Mount Vernon  
1436 WJBD 100.1 IL Salem  
1444 WRXX 95.3 IL Centralia  
1500 KFUD 99.1 MO Clayton  
1600 WFXB 101.1 IL E. St. Louis  
1602 KEZK 102.5 MO St. Louis  
1956 KGMO 100.7 MO Cape Girardeau  
1901 KEZS 102.9 MO Cape Girardeau  
1907 WCIL 101.5 IL Carbondale  
2000 KTJJ 98.5 MO Farmington  
2103 WFRX 97.7 IL West Frankfort  
2201 WWYN 106.9 TN McKenzie  
2300 WQRL 106.3 IL Benton  
2302 WTAO 105.1 IL Murphysboro  
2339 WEZS 95.1 IL Benton

## 11 Tr

0128 WYNG 105.3 IN Evansville  
0143 WRUL 97.3 IL Carmi  
0154 WSTO 96.1 KY Owensville  
0200 WOOZ 99.9 IL Harrisburg  
0632 WKDQ 99.5 KY Henderson  
0658 KRJY 96.3 MO St. Louis  
0717 WCBW 104.9 IL Columbia  
1300 WDQN 95.9 IL DeQuoin  
1501 KMJM 107.7 MO St. Louis

## JULY 12 Tr

0025 WFMB 104.5 IL Springfield  
0031 WDBR 103.7 IL Springfield  
0059 WNNR 98.7 IL Springfield  
0200 WCRC 95.7 IL Effingham  
0547 KTXN 106.9 MO Jefferson City  
0555 KZNN 105.3 MO Rolla  
0656 WBFG 97.7 IL Effingham  
2359 KATZ 100.3 MO Alton

## 13 Tr

0500 WKRV 107.1 IL Vandalia  
0513 WHMS 97.5 IL Champaign  
0524 WLRW 94.5 IL Champaign  
0600 WLBH 96.9 IL Mattoon  
0627 KGRC 92.9 MO Hannibal  
2251 WVJC 89.1 IL Mt. Carmel  
2357 KJEZ 95.5 MO Poplar Bluff  
0123 WDDJ 96.9 KY Paducah  
0142 WKYQ 93.3 KY Paducah  
2212 WBNV 104.5 IL Carriers Mills  
2322 KCLR 94.5 MO Poplar Bluff

## 15 Tr

0101 KAHK 96.7 MO Poplar Bluff  
0600 WQTY 93.3 IN Linton  
1853 WIKK 103.5 IL Newton  
2244 WAKO 103.1 IL Lawrenceville  
2248 WIAI 99.1 IL Danville  
2259 WZZQ 107.5 IN Terre Haute  
2324 WMGI 100.7 IN Terre Haute

## 16 Tr

2300 WXKO 100.9 IL Pana

**WZZQ**  
COUNTRY 107

I started all over on my DXing. I have more, but my new Atlas hasn't arrived yet, and I have over half a dozen that are unID. There is a frequency here that is ruined. WRXX Centralia, 95.3, 3 kw they leave their transmitter on from 9PM to 6AM with no audio. This should be a violation. WBNV was on 7/14/92 on 104.5 with Christian programming. They were asking for donations to be sent to their Marion, Ill. address. They signed off at 2300 on 7/14/92. The Realistic STAV-3200 receiver is a lousy receiver for the DXer. The selectivity is only noted at 60db. My Lafayette 3030 is about as bad, and the dial is off 1 to 2 khz. 73's.

ROUTE 60 (STEBENVILLE PIKE) - PITTSBURGH, PA.

**WTFDA 1992  
CONFERENCE  
PITTSBURGH MOTEL**



**WB94** fm

WWSW 94.5 FM

**3WS**

**WMP**  
107.5 FM

**95.5 WKYE FM**  
DIGITAL 95.5

**95.1 WVR**  
95.1 FM



MICHAEL HAWK NOOSY - 10212 P ST - OMAHA, NE 68127-2130 (402)592-1186

Equipment: Kenwood KT-815 IF Mod., Antennacraft FM-10 up 30', RS 20 dB variable attenuator and occasional use of RS rabbit ears for simple phasing.

JUNE 1992 DX

30 Tr (KLDZ 95.1 OFF AIR)

2350 KICT 95.1 KS Wichita, KICT-95

JULY 1992 DX6 Tr

0805 WSIE 88.7 IL Edwardsville, j

0807 WBEA 97.5 IL Pittsfield

0809 KMJM 107.7 MO St Louis, Magic 108

0815 KEXB 102.3 MO Canton, o

0818 KRJY 96.3 MO St Louis, o; Juke Box 96

0822 KCLC 89.1 MO St Charles, jazz

Lindenwood College stn

0827 KSHE 94.7 MO Crestwood, K-She

0829 WRVI 96.7 IL Virden, o

0836 WYMG 100.5 IL Jacksonville, o

0844 KRXY 107.5 CO Lakewood, Mix 107.5

0847 KRFX 103.5 CO Denver, The Fox

0853 KQSK 97.5 NE Chadron, Q Country

0856 KCNE 91.9 NE Chadron, NE Public R

0859 KVOB 99.5 CO Denver, Classical Voice

of Denver

0923 KUAD 99.1 CO Windsor, K-99

0927 KOKS 104.3 CO Longmont, KS-104

0939 KNNG 104.7 CO Sterling, NW CO wx

# 600 heard on FM

7 Tr

1055 WCCN 107.5 WI Neillville, ID

1100 KNRS 88.9 MN Collegeville, NPR

1101 KEEY 102.1 MN St Paul, \$k

1102 KSNJ 99.5 MN Minneapolis, c

1118 KRGR 99.3 MN Albert Lea, or; ID; did

they move from 94.9, or is this just  
someone running ??

1122 KRCH 101.7 MN Rochester, 1cl ads

1359 KCMQ 96.7 MO Columbia, hrd KCM?

7 Es (1312-1412; 1923-2010 MUF 107.7)

1312 WSHA 88.9 NC Raleigh, ID

1316 WJFR 88.7 FL Jacksonville, Family R

1322 WODR 94.7 NC Raleigh, k

1323 WFEZ 92.1 FL Williston, 1cl ads

1330 WKRX 96.7 NC Roxboro, k; Kirks 97

1335 WGNF 98.1 FL Titusville, 98-Frog

7 Es (cont.)1412 WPCV 97.5 FL Winter Haven, 97 1222  
Country

1925 WTUC 89.1 SC Aiken, ID 948

1930 WAKE 96.7 GA Wrens, //1480 AM 934

1942 WJCL 96.5 GA Savannah, k; Kicks 96 1043

and 1/2; mentions of Savannah

1943 WIXV 95.5 GA Savannah, very strong 1043

2000 WLPT 88.3 GA Jessup, ID mentioning 1031

many //s in a GA mini-network

2006 WIVY 102.9 FL Jacksonville, Y-103 1103

9 Tr

0053 KEYN 103.7 KS Wichita, 1cl KXKT off 254

0112 WHMS 97.5 IL Champaign, Lite Rock 417

97.5

0119 WIAI 99.1 IL Danville, k 448

0125 WGGI 107.5 IL Chicago, GCI 438

0137 WIHN 96.7 IL Normal, Oldies 96 372

0141 WDZQ 95.1 IL Decatur, k; 95-Q; KLDZ 390

off

0154 WCAZ 92.1 IL Carthage, Z-92 263

0159 WBFG 97.7 IL Effingham, USA nx; g 422

0207 WJCH 91.9 IL Joliet, g 414

0210 WOCY 99.5 IL Quincy, r; ads 260

0216 WZZQ 107.5 IN Terre Haute, r, ZZQ 471

14 Tr

1005 KCHE 92.1 IA Cherokee, ID 109

16 Tr

0817 WLSU 88.9 WI LaCrosse, ID 303

0830 KNWS 101.9 IA Waterloo, g; o/KFMQ!! 208

16 Es

2050 MUF hit FM for about 20 seconds

18 Es

2016 WHOV 88.1 VA Hampton, in &amp; out to 1094

2100, w/unID's to 94.9

22 Tr

2109 KCKS 95.3 KS Concordia, KC Royals 142

31 GW

1100 [KNOD] 105.3 IA Harlan, new freq, \$ 48

AUGUST DX1 Es

1848 MUF to 88.7, lasted 15 seconds

E-skip continued very poor during all of July. Even on 10 meters (28 MHz), it rarely opened during the first weeks of July. The 10 meter buffs had been considering this season to be the worst in several years, but the last few weeks have made a strong comeback (but none has hit FM!). 6 meter (50 MHz) operators have had a fairly pretty good year so far. For me, June 22 to July 13 had 1 skip day hit FM, and few days even hit TV. Strangely enough, there was little solar activity during this time period, and the little there was didn't hit very hard, so there were few geomagnetic storms. We've gotten 10" of rain this month, and temps have been very cool (60's to low 80's). Because of this, tropo hasn't been good lately. Let's hope the Perseids was a good one! 73

**STATION NEWS:** In Geneva, Ohio, 104.9 is now WKKY, and country music. I have noted them both satellite and local. 106.1 Guelph, Ontario is now CIMJ, "Magic 106.1", and adult contemporary. Fans of the old CKLA music of your life format were upset. WBQQ 99.3 Kennebunk, ME is on the air. WIXC 97.3 Essexville, Mich. is on the air, with country "Kixie Country". Switching to country is 93.7 Grand Rapids, not WBCT "B93". Also Grand Rapids, WLAV 96.9 is now modern rock "Radio Grand Rapids". WLKI 100.3 Angola, IN is indeed now on that frequency. Drove by tower and studio of new 90.1 Upper Sandusky so should be on soon-will be religious apparently. 104.9 Lima is now "Mix 104.9", a/c. Both WKFR 103.3 Battle Creek, Mich and WELL 104.9 Marshall, Mich. are silent. In the Albany area, 96.7 has new calls, and a "Capitol 96" slogan, a more adult based top 40 approach. WXJN 105.9 Lewes, DE has widely been reported being on-country, "Kicks 106". Thanks Mike Hawk, Paul Mount, George Greene for information.

# NORTHERN FM DX

SEPTEMBER 1992

deBRUCE HALL - 5 STIRTON AVE - BRANTFORD, ONTARIO CANADA N3T 1E2

Equipment: JVC JRS201, modified with 3 110 khz filters, Sleuth 205, Probe 9 fed with RG6 at 50' AGL. Crown rotor. Distances are in kilometres.

## JUNE 1992 DX

13 Es

2115 KDHT 92.5 CO Greeley, k\$, "Real Country on KDHT 92.5FM" Unreported last month, sounded like KDAC, careful review of tape now sounds like KDHT.

## JULY 1992 DX

13 GW-TR

0729 CFLZ 91.9 ON Niagara Falls, "You're listening to CFLZ "C-Falls" 91.9, broadcasting from the top of the Skylon Tower". 99

0754{CIMJ} 106.1 ON Guelph, r\$, "Magic 106.1"

Moody Blues mx, ex CKLA, music of your great aunt's life

0818 CJEZ 97.3 ON Toronto, rm\$, Lite 97,

New non-ID for them

1015 CKLH 102.9 ON Hamilton, rm\$, K-Lite

"Continuous lite hits", new nonID from K103 40

1933 WPHD 94.7 PA Tioga, op, PHD, Elmira 296

16 Tr

0736 WUPS 98.5 MI Houghton Lake, r, 98 1/2

WUPS Mt.Pleasant-Cadillac-Grayling", sung out 391

0746 {WNCG} 100.9 OH Clyde, o, Gold 101, Ex: new non ID from North Coast Gold 308

23 MS

0646 WMTM 93.9 GA Moultrie, g\$, "7 miles south of Moultrie", local ad, Thanks Matt 1371

24 Tr

0059 WNNR 103.5 NY Sodas, op\$, Winner, "It doesn't have to be old but Classic Rock & Roll is WNNR" 242

0110 W238AB 95.5 NY Rochester, op, translator of WRQI 95.1 at 48 watts, "Rocket 95"

Thanks Greg for the Rockchester loggings 192

29 TrS

0700 {WBZX} 99.7 OH Columbus, r\$, The Blitz legal ID, ex: WMGG, Magic 99.7 433

Talk about solving people unid's and mysteries, Matt goes to great length to help DXer's unID's for his CCI column. Would you believe a personal visit along with NFM editor to review my tapes. Unbelievable! Thanks for the help guys and the 3 new loggings. I hope the rest of your tour to Fort Wayne was a success. (Bruce, we got lost in Van Wert. I didn't have George Carlin's number to call and get directions-gc). Testing going on 97.5, south east of me. Also caught them playing Corey Hart music but no ID's or idea who they might be. (That is weird. It is hard to believe they could squeeze one in there, but I guess you never know-gc). 73 dB

# HARRY HAYES - 9 HENRY STREET - WILKES-BARRE, PENNSYLVANIA 18702

Equipment: GE Superadio II modified w/110 filter, 9 element Jerrold FM yagi in attic

## JULY 1992 DX

11 Tr

0205 WNBt 104.5 PA Wellsboro, strong 90

12 Tr

0200 WIKZ 95.1 PA Chambersburg, 120

0244 WSRD 104.9 NY Johnstown, cldies, weak

WWDL local station off the air 110

0257 WKPQ 105.3 NY Hornell, NESE net

## JULY 18 Tr

0200 CIMJ 100.3 ON Ottawa, ID, Magic 100, fair, fadey 220

0207 CKBY 105.3 ON Ottawa, c/w music 220

1700 WRTI 94.9 PA Wilkes Barre, this is on repeating WRTI Philadelphia with jazz mx

Has unknown translator calls. Loud signal, but fortunately not super strong as there is no problem

with 94.7 or 95.1

31 GW

WRTI 105.9 xltr for Scranton, this now on xiting WRTI also, weak signal and goes completely out with antenna to east where Newark/Hartford.



Five minutes of E-skip was observed up to about 99.5 into the Dallas TX area, I believe on the 18th (There was some skip that day-gc). I didn't actually hear any IDs. This is a new non-DX record for any July. Is this a poor season? (For most of us, yes-gc). Well lets just say I have my AM DX set up set up already and its only August 2nd. I have to DX something. Also sunbathing is out of the question this summer, it's always raining, hi. Regards

# GREG CONIGLIO - 5100 GLENWOOD DR - WILLIAMSVILLE, NEW YORK 14221

Equipment: see previous VUDs

Not much DX to report this time. Did note two call changes: 104.9 Geneva, OH is now WKYY (country), and 106.1 Guelph, ON is now CIMJ, "Magic 106.1", and a/c. Both received often, CIMJ semi-local. Also logged the new W238AB 95.5 Rochester (x-WRQI 95.1) on July 17th, 48 watts, and it is in almost all the time at 58 miles, with a decent signal! Had some skip on the 18th: 1133 KRTS 92.1 TX Seabrook with classical mx, 2123 had WETA 90.9 DC Washington to the SW acting like skip, maybe backscatter! (290 miles), 2149 had KZBL 95.9 LA Natchitoches with call letters. 2200 KLSA 90.7 Alexandria, legal ID. On the 28th I had brief skip: 1100 KABF 88.3 AR Little Rock, legal ID, and 1144 KITA 95.5 OK Hugo, with country and "Kicks 96". That's it, what a rotten season. On the road noted some interesting things: 99.5 Buffalo near Sarina, ON, not Detroit or Cleveland! Had Cleveland in good from Marshall, MI. WOOD 105.7 Grand Rapids was obliterating Marysville, OH even in Upper Sandusky. Had CHRE 105.7 ON from Lima, OH and WTCR 103.3 WV from around Upper Sandusky.

73, Greg



# SOUTHERN FM DX

Danny Buntin  
1312 N. Buntin  
Stillwater, OK 74075

SEPTEMBER 1992

DEADLINE: 14th

SOUTHERN FM DX is for reporters from: AL, AR, AZ, CA, CO, DC, DE, FL, GA, HI, KS, KY, LA, MD, MO, MS, NC, NM, NV, OK, SC, TN, TX, UT, WV, & WY. Report this summer's DX today!

## ES BARELY SHOWS UP FOR JULY.

A short column due to the near total collapse of the July Es. Even the morning DXers were hit hard by July's steep downturn. Unlike previous lean season's, at least the '92 season is distinguished for the unusually good quality in the loggings as reflected on the cover of the Aug. VUD. That peculiar distinguishing characteristic turns up again this month. One reporter managed to set a personal and club Es record off the tiny amount of Es he pulled him during July. Speaking of trop let's try to keep on the extra alert for it this soon coming up fall in case its extra good and haul in our share.

SOUTHERN FM DX would like to salute the remarkable Big Antenna Country located just to the north of Newkirk, OK. Antennas in that neck of the woods have their elements full trying to pull in such distant places as the Oklahoma City antenna farm, 90 mi. away, Tulsa 95 mi. and Wichita around 70. It's a great sight seeing time at least for DXers driving through. The homes' antennas are close enough to the highway to tell which way they're pointing. To add interest, nearly everyone has rotors positioned on the towers. So where do the antennas like to point? For the first miles north out of Newkirk it's roughly 50/50 divided between Oklahoma City and Wichita, KS. Nobody sees fit to aim for Tulsa. After a few more miles as the Kansas border is approached it gets interesting to see if any antennas are going to be loyally pointing to their home state stations. Nope, a few miles south of the Kansas border, all antennas can be seen pointing faithfully toward Wichita. Has anyone else thrown in antenna sightseeing as a part of a highway trip this summer? Big Antenna Country can surely be in nearly every state, not just the Plains.

Keith D. Pugh, 227 Martin St., New Hope, AL 35760

Equip: McIntosh MR-78, Probe 9, RG6 coax

7/8 tr

2350 KWCK	99.9 AR Search, "Quick 99"	320
2354 KTCS	99.9 AR Fort Smith	445
2356 KOMA	92.5 OK OK City, o, ID	620
2357 KZBB	97.9 OK Poteau, ID	480
2359 KWEZ	106.7 AR Trumann, s/off	240

7/9 tr

0000 WPYR	98.1 TN Millington, o, ID	205
(a regular, ex KYPR Osceola, AR)		
0006 KKIX	103.9 AR Fayetteville	445
0009 KMCO	101.3 OK McAlester, ads, k, K101	
0015 KHLT	94.1 AR Little Rock, "K-Lite 94"	
0026 KZLE?	93.1 AR Batesville, "Mix 93.1"	

7/9 tr

0029 KXFB	105.7 MO St. Geneieve	305
0031 KWOZ	103.3 Ar Mountain View	320
0035 KMCK	105.7 Ar Siloam Springs, lcl.ad470	

//KZBB

0039 KBEZ	92.9 OK Tulsa, ID	570
0040 KWMU	90.7 MO St. Louis	350
0053 KKTZ	107.5 AR Mt. Home, o, ID	360
0056 KXLT	105.3 KS Haysville, ads,	650

"FM105", prev. Es, KS is new tr state

0102 KMJX	105.1 AR Conway, ID	340
0105 KFTB	106.1 AR Fairfield Bay, m, ID	
0110 KSTM	99.5 OK Henryetta, "the storm"	
0153 KKYK	103.7 AR Little Rock, "K-Kick 104"	
0217 KUAF	91.3 AR Fayetteville, c, ID	
0227 KWEN	95.5 OK Tulsa, "K95", wx	
0233 KEZU	104.7 AR Booneville, b, EZ-105, Ft. Smith ref.	

0240 KIMC	104.9 OK McAlester, k, "Brite 105" "Kissing Country", ID	550
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0247 KLUV	98.7 TX Dallas, o, ID	600
0253 KNUE	101.5 TX Tyler, k, ID	530

7/10 tr ..... 1

7/10 tr

0048 WIL	92.3 MO St. Louis	
0052 KYKY	98.1 MO St. Louis	
0100 WTKB	93.7 TN Atwood, \$, k, ID	
0152 W237AQ	95.3 AL Killen, 103.3	

WKDF xltr, ads, ID

0200 WKDZ	106.3 KY Cadiz, "The Breeze"	
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0900 WQOZ	102.5 TN Dickson, b, ID	
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7/18 Es (brief)

1050 KGCH	93.1 MT Sidney, "93 Country"	
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7/18 Es (brief)

1131 CFMO	93.9 ON Ottawa, ID	
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7/21 trs

1102 KWIN	92.5 AR Wynne, nx-wx, ID	
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7/22 Es

1108 WLANG?	92.1 NY Sag Harbor	
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1124 WFUV?	90.7 NY New York	
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1128 WTSX	96.7 NY Port Jervis, "WORS-WTSX"	
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1131 WXTK	94.9 MA West Yarmouth, ID	
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1147 f/out

7/27 Es (brief)

1205 CKHJ	93.1 NB Fredericton, "KHJ"	
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8/6 Es (spotty)

1030 WOME	96.7 ME Boothbay Harbor, ID	
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1031 WVIA	89.9 PA Scranton, #655-2808	
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1033 unID	103.7 r, (MUF)	
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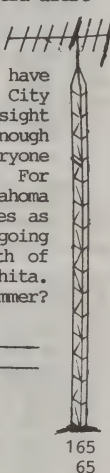
1938 WMGX	93.1 ME Portland, ID	
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1038 WXGL	93.9 ME Lewiston	
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1039 WHOM	94.9 NH Mt. Washington	
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1040 sudden f/out

This was nearly the worst July Es ever. Compares to July 1988. An interesting season though, short as it was. Glad to get the long haul tr(long overdue)on 7/3 and 7/90. cont..



Was confused on KOMA 92.5 OK City, ex KKNK. At first I thought it was a call change for KPRV Heavener, OK, which would've been a new log. Never expected to hear Kansas by trop. Oklahoma seems to be a rare path. But it was strong time. Hope others had better Es luck in July.

Jim Pizzi, 814 Brookhill Dr., Paso Robles, 93446

1/4/92 Es		6/19 Es	
1027 KITS	94.7 MO Springfield, calls	1102 KMTH	98.7 NM Maljamar, comm. callendar
5/23 Es		1107 KSFX	100.5 NM Roswell, calls
1910 KRXK	94.1 MT Billings, calls	1109 KZOR	94.1 NM Hobbs, calls
1912 KZLS	97.1 MT Billings, "Billings 297"	1111 KPER	95.7 NM Hobbs, k
1914 KIDJ	98.5 MT Billings, oldies rock	1113 KBIM	94.9 NM Roswell, ads, wx
1915 KCTR	102.9 MT Billings, k	6/21 Es	
1940 KDZN	96.5 MT Glendive, folk type rock, Magic 96	1319 KAJA	97.3 TX San Antonio, calls 1327
1942 KGCH	93.1 MT Sidney, k	1326 UNID	94.1 TX, MX?
1943 KGHL	95.5 MT Hardin, calls, Little Big Horn college promo	6/24 Es	
		1952 KVTI	90.9 WA Tacoma, "I-91"
		KNHC	89.5 WA Seattle, tent. rap mx
		tr	
6/19 Es		KITZ	94.7 NV Carson City, calls, k
0902 KITS	94.7 MO Springfield, ads	7/11 Es	
0908 KWEN	95.5 OK Tulsa, tent. k	1026 KMHD	89.1 OR Gresham, calls, jazz
0917 KECO	96.5 OK Elk City, tent, k	1029 KISN	97.1 OR Portland, ads, calls
0927 KRAV	96.5 OK Tulsa, calls	tr	
		1033 KNEV	95.5 NV Reno
		1556 KWNZ	97.3 NV Carson City

Not too much happening here. It was good to hear an opening into s.e. New Mexico on the 19th of June. The old home area getting more crowded on the dial. Still fun fun to DX the FM even here in this congested area. Seems like a slow ES summer in these parts. Maybe better elsewhere. 73's. (It sure wasn't. DB)

Chester P. Royster, WB40HC, R.F.D. Box 223, Freeman, VA 23856

Eqipt.: Pioneer TX-8100 tuner (IF modified with 3 150 kHz filters) Quad of FM-13s at 20' and 16' with vertical halves running into the Bolin phaser, signal sleuth 205 preamp on one line and 24 db amp on the other line.

7/26 gw/tr		7/26 gw/tr	
(All stations were received as a result of phasing.)		1457 WBSR	104.3 MD Baltimore 183
1405 WDNO	95.3 DE Laurel 169	1519 WSBY	98.9 MD Salisbury 159
1412 WEGX	106.1 PA Philadelphia 260	1540 WBSS	97.3 NJ Millville 232
1428 WVES	99.3 VA Accomac 129	1550 WKWI	101.7 VA Kilmarnock 97
1431 WFST	107.9 MD Annapolis 165	1600 WSTW	93.7 DE Wilmington 235
1440 WQHQ	104.7 MD Ocean City 179	1609 WGMG	92.7 DE Rehoboth Beach 196
1457 WBSR	104.3 MD Baltimore 183	1629 WIYY	97.9 MD Baltimore 183

The quad is about 6' lower than the former setup. I probably need to raise this array to at least 30' before it will operate efficiently. However, it does a better job on nulling high powered stations (100,00 watts @50 miles when the array is pointed directly at them. For example, I can null WCVE on 88.9 and get WEAA in Baltimore whose power is 12,500 at 67 meters at a distance of 180 miles. I constructed an FM-13 from some 20 year old scrap antenna parts. Surprisingly, this FM-13 is more directive than your regular FM-13. In fact, the F/B ratio is significantly higher, and this antenna will run circles around a normal FM-13. However, some of the elements are a little crooked and the directors are a tad longer and shorter. But it works to perfection! 73's and good DXing and phasing.

Tom Yingling, jr, ARS: KA3TCC, 221 Pinewood Road, Baltimore, MD 21222-2345

Hi there, I got some little FM DX to report when I was on vacation at Kill Devil Hills, NC. Since last year when my 2 tripods were damaged in a thunderstorm, I have not done much FM DXing since then. I was down in NC with Steve West (ARS: N3FYP) at the First Flight Inn Motel, on the second floor. The receiver was my Icom IC-R7000. (That has got to be a mighty nice unit all in one. DB) The antenna was a two foot whip only.

6/13 Es		6/14 Es	
1028 RJR-FM	JAM Montego Bay, IDs as RJR-FM	1006 KVIU	88.1 TX Denton
6/14 Es		1009 KPFT	90.1 TX Houston
1000 KTEP	88.5 TX El Paso	1012 KERA	90.1 TX Dallas
1001 KQOM	88.5 TX ?		

This is my first time to have FM skip at Kill Devil Hills, NC on the Icom IC-R7000. I was surprised to get it with just a 2' whip. Back home I have a Pioneer TX-9100 with just the lead-in as antenna! Last year on 7-6-91 a thunderstorm took down my Probe 9. The tripod was blown off the roof on to my mother's car. It punched a hole in the roof! We had the car fixed by putting in a sun roof! We usually have more interest in the TV DX, and FM takes a back seat. 73's for now.



John Jefferson, 4104 Spyglass Ct., Antioch, CA 94509-6051

The season started well in May, but June was awful and July worse. 3 new skip loggings in July, despite the fact I was only working about 2 days a week and so had all sorts of time to DX. But 7/27, I started a new job and have missed a big opening 8/15 and another into the FM 8/7. Underlined are new; @ means new to Antioch.

6/24 Es  
1924 KCLV 99.1 NM Clovis, calls  
7/3 SL  
0749 K202BR 103.5 NV Reno,KCJH calls 135  
7/6 Es 885  
1159 KSNM 98.7 NM Truth or Consequences,ID  
7/7 Es  
0731 KYA@ 93.3 MT Billings,local ref. 780  
0743 KKKX 94.1 MT Billings,program promo  
7/12 Airplane Scatter 160  
1607 KJET 106.3 CA Kingsburg, //KLVR 91.3

7/20 Es  
1932 KPLO 94.5 SD Reliance, calls 1225  
7/26 SL  
0745 KSLK 105.1 CA Auberry, u/KRAK 140  
8/1 Es  
1709 XHME 89.5 JA Puerto Vallarta, r, 1560  
local ref.  
1801 XHH 90.7 SN Hermosillo,ID in EE! 910  
8/9 tr  
0420 KMFB 92.7 CA Mendocino, Rock of  
the Redwoods, calls 142

The new XHH Hermosillo appears to be bilingual, with announcements in Spanish and English. They claim 50kw. Alas, the last letter was completely lost under local KZYX Philo. XHME offered a degree of redemption for a poor season, as it is a personal distance record for August, and I believe a club record for 89.5.

The 6/24 opening was strange(as started upon in last month's report) From 1812, when KMLL first appeared, until 1901 nothing was heard below 94.7, although the skip was out to the top of the band with somebody through local KXOA 107.9 at 1819. From 1901 onward, the low end of the band had signals, but it was dead above 100.7.

Danny Buntin, 1312 N. Skyline, Stillwater, OK

Equip.: Onkyo T9090 modified with two 110 kHz filters, Probe 9 up 30' and rotor

8/10 tr  
1818 KONS 95.9 KS Lindsborg,wx,"Q-light 96"  
1831 KSNP 95.3 KS Burlington, "Coffey  
County's best"  
1900 KSJQ 92.7 MO Savannah, ID 275

8/10 tr  
1901 KWME 93.5 KS Wellington, ID  
2129 KBLP 105.1 OK Lindsay, calls, k, \$  
(With the season so bad something constructive to do is to tune in some nearby mostly new to the air stations as in above.)

The summer here sure turned unusually cool and wet. In central Oklahoma, August lawns turn brown, if not watered. This summer everyone has green and growing lawns wheather they like it or not. The off beat weather hasn't helped trop much,so far, but at least it has helped add a few new loggings for my totals. To clairfy my report from last month, all loggings were tr, no Es. Until next month, 73.

+++++

# WANTED:

## HOST FOR WTFDA CONVENTION 1993

IT'S ALMOST TIME FOR WTFDA CONVENTION '92 IN PITTSBURGH, BUT WE'RE ALREADY LOOKING AHEAD TO 1993!

IF YOU WOULD LIKE TO HOST OUR CLUB'S '93 GETTOGETHER, SEND A BRIEF SIGNED NOTE TO:

WTFDA Board of Directors - c/o P O BOX 514 - BUFFALO NY 14205-0514

IF MORE THAN ONE BID IS SUBMITTED BY SEPTEMBER 30, 1992, A MEMBERSHIP VOTE WILL DECIDE THE 1993 CONVENTION SITE. IF ONLY ONE BID IS RECEIVED BY THE ABOVE DATE, THAT BID WINS. IF YOU HAVE CONSIDERED HOSTING THE CLUB CONVENTION, NOW'S THE TIME TO PUT IT IN WRITING!

# EASTERN TV-DX

Bill Nienajadly/N2QJJ  
PO Box 2999  
Clifton NJ 07015-2999  
201-478-3044  
No collect calls  
Deadline the 5th

September 1992

Cut off 3 months

Welcome to another episode of 'The E-Skip vanishes'-in this chapter, we find a bunch of WTFDA-ers disputing if E-Skip is just a myth or if it really does take place after all.....

Tropo on the other hand, usually occurs pretty frequently in the mornings and after sunset out to 200 miles or so and that's it. Right? Wrong. Not in this issue. Though E-Skip has been less than fruitful (to put it mildly), we have first class TROPo with outstanding loggings & tropo DX very uncommon for July. Check these out....Christopher Dunne had over 1000 miles tropo to PR from his FL DX spot...and it was WKAQ ch 2 a lowbander!.....John Combs also in FL had 858 mile GULF Tropo to TX (very uncommon for July)...Maybe Tom Yingling logged Canada via tropo on his DXpedition in NC....And...Ed Phelps has some excellent tropo loggings from his KY DX spot...stuff like KRRT 35 TX 787 plus many loggings in the 700 mile range! Healthy Stuff.

Jeff Kruska of LA (WTVDX territory) wrote to say his Mitsubishi 4 head, model HS-U31 VCR has off/on video muting and that it is very good for E-Skip recording-Thanx for answering the question I asked in ETVDX recently. TV DXers are welcome to comment on their equipment as this helps out others new to TVDXing. Also Doug Smith comments later on about DX equipment. On to DX

Ed Phelps N1ZE Rt 2 Box 266 Benton KY 42025 502-527-2289 24 Hours a day

A day in a life at N1ZE-A list of daily stations

KETS 2 AR	WTHO 2 IN	WMB 2 MS	KTVI 2 MO	WKRN 2 TN	WSIL 3 IL	WAVE 3 KY	KYTV 3 MO	WREG 3 TN	WTTV 4 IN
WCBI 3 MS	KMOV 4 MO	WSMV 4 TN	KSDK 5 MO	WMC 5 TN	WTVF 5 TN	WPSD 6 KY	WTVW 7 IN	WBBJ 7 TN	KALT 8 AR
WSIU 8 IL	WDCN 8 TN	WVIN 9 IN	WTV 9 MS	KETC 9 MO	WTV 9 TN	WTHI 10 IN	KOLR 10 MO	WKNO 10 TN	WBIR 10 TN
KTHV 11 AR	WHAS 11 KY	KPLR 11 MO	WLJT 11 TN	WSFA 12 AL	WILL 12 IL	KFVS 12 MO	WDEF 12 TN	W12BV TN	WTVN 13 AL
WCEE 13 IL	WBKO 13 KY	WHBQ 13 TN	WHBQ 13 TN	WFTL 14 IN	WOHL 15 AL	KPC 15 KY	WVTV 15 MS	KPOB 15 MO	WUSI 16 IL
WMTU 16 TN	WAND 17 IL	WZTV 17 TN	WLEX 18 KY	WMAV 18 MS	WHNT 19 AL	KTEJ 19 AR	WLCN 19 KY	WTTI 20 AL	WBNA 21 KY
WKMU 21 KY	WVUT 22 IN	WKEF 22 OH	WCTE 22 TN	KBSI 23 MO	KNLN 24 MO	WPTY 24 TN	W24AE TN	WHTI 25 AL	WEHT 25 IN
WTRT 26 AL	WTCT 27 IL	WKYT 27 KY	WLOV 27 MS	W28AI IL	WFTK 29 IN	WKPD 29 KY	KDNL 30 MO	WLMT 30 TN	WMT 30 TN
WAAY 31 AL	WKOH 31 KY	WLKY 32 KY	KSPR 33 MO	WGRB 34 KY	W34AG GA	WKMA 35 KY	W35AH TN	WATL 36 GA	WTVQ 36 KY
W36AM TN	W36AK TN	KASN 38 AR	WBAK 38 IN	WHTN 39 TN	K39CP MO	WHNB 40 IN	WKNT 40 KY	WBU 40 MS	WDRB 41 KY
W3MG 42 AL	WCLJ 42 IN	W43AG KY	WVAL 44 AL	WEVV 44 IN	WRGT 45 OH	K45CA MO	WGNW 46 GA	WHSI 46 IL	WKLE 46 KY
W46AJ TN	W46F 48 AL	W46T 48 OH	W52AZ IN	WKON 52 KY	W4GB 53 KY	W53AF MS	WZDX 54 AL	W54AE KY	W55AJ KY
WRSP 55 IL	WYIN 56 IN	W4KY 56 KY	WYMT 57 KY	WXIN 59 IN	WUJP 60 AL	WDSI 61 TN	W62BH KY	W11B 63 IN	WHSB 63 GA
WSTR 64 OH	W4JC 65 KY	W65BF TN	W4EM 68 AL	W68CG TN	W6U 69 GA				

This list shows what can be seen here on a summer day. Winter conditions are not as good. I hope this list will help those looking for these stations. I'm here most of the time, so don't hesitate to call if you want help. (Ed Comments: I'm sure DXers from ETVDX and WTVDX will appreciate it, heh I guess you don't need cable TV-BN)

5/20 Tr W27AR IN 242	6/14 Es KDUH 4 NE 872	6/17 Tr KXAM 14 TX 725	7/7 ES WHSV 3 VA 542
WTHR 13 INDY	K6ADT MO 160	KBVO 42 TX 705	confusing w/WSIL Harrisburg
K49CG AR 272	6/16 Tr KHSH 67 TX 650	KWEX 41 TX 778-SS	KMOL 4 TX 775
K65EK AR 275	KXLN 45 TX 651-SS	KMC 28 TX 795	7/9 Tr WGTV 8 GA 316
W998M TN 50	KNCT 46 TX 668	KJTL 18 TX 611	WHNS 21 NC 336
5/25 Es CHRO 5 ON 864	KXAN 36 TX 705	KLSB 19 TX 550	WACH 57 SC 455
5/26 Tr WKSQ 29 KY 194	KLRU 18 TX 705	KTBO 14 OK 516	TO WKCH 43 TN 250
5/31 Tr K18BT MO 160	KXOV 25 TX 638	KLDT 55 TX 571	WONC 36 NC 440
6/8 ES CFAP 2 PQ 1112	KABB 29 TX 775	KDFW 4 TX 571	WCCB 18 NC 437
ES KTVS 3 CO 830	KTAB 32 TX 712	KSAT 12 TX 775	7/10 Tr WSOB 9 NC 438
Tr K21DD MO 160	KRRT 35 TX 787	6/18 ES KPRY 4 SD 790	WJZY 46 NC 413
Es KOUS 4 MT 1191	6/17 Tr KFBV 52 TX --- SS	KGMN 5 WY 939	WTVI 42 NC 436
Es CFOM 4 PQ 1109	KVUE 24 TX 705	KGMN 5 WY 1154	7/13 Tr WCYB 5 VA 345
CHAUJ 3 PQ 1331	KCTF 34 TX 624	6/19 Tr WMAO 23 MS 270	WPBA 30 GA 308
CKOW 2 NB 1360	KJTV 34 TX 796	7/7 ES WMAO 2 MD 656	

Station total now 558

Texas opening was WILD!!! saw most every station in Texas that nite and morning. Thanks to the big guns in I11. for the help on the Canadians and LPTV's. All of the above stations are new ones. I monitor 28,460 on ten meters during E openings. Also ...444.200 + N1ZE repeater. (Ed notes: No time was given for any of the catches listed above, Ed also sent the latest scanner law from KY..., Ham operators with a valid Ham license are now exempt from the scanner law as long as the info is not used in the commission of a crime-etc. Ordinary folks still get busted for having a scanner in the car. Thanx for the update and nice going on all those great 700 mile inland tropo DX-BN)

Tom Yingling 221 Pinewood Road Baltimore MD 21222-2345 KA3TCCC FROM HOME LOCATION IN DUNDALK MD

Icom IC-R7000 Sony KV-8AD11 8 inch color Trinitron as monitor CM 1114 fixed direction, rotor not fixed yet!

## ALL E-SKIP

5/24 2000 KPLO 6 SD 1234  
KDLO 3 SD 1120

5/25 1130 KATC 3 LA 1075  
KIMT 3 IA 902

5/25 1130 KOTV 6 OK 1080  
6/27 1757 WEDU 3 FL 852

(Tom continues on the next page with DX from NC-BN)



Tom Yingling continued.... FROM KILL DEVIL HILLS, NC and mileages from Kill Devil Hills

Icom IC-R7000, using 2 foot whip only! Sony KV-8AD11 as monitor & as TV set. Sony GV9 Video Watchman 4 " LCD color screen (and) for UHF, Channel Master 3 foot corner reflector. For VHF, the Sony single rabbit ear! Winegard preamp PA-4975

I was down in Kill Devil Hills, NC with Steve West, (N3FY0). We were in an second floor of the hotel. The tentative logging of the French ch 44 is an big maybe. Steve gave me a phone call after we got home, that he talked to Jim Alexander, of NJ who has gone down to the outer banks of NC a number of times, with a 7 foot dish and has received Canada on tropo before. So maybe it was them, unless some can verify the program of the W44AI in Hicksville NY with their schedule. (Tom, they seem to run psychic call in shows nearly all the time.I'll check for it-BN) The last 2 years Steve & I have gone down there, and had good southern DX, this time was all north, and our first E-Skip dx'ing.

6/12 Tr	2100	WXXX	20	CT	407	6/13 T	0300	WETA	26	DC	213	6/13 E	1300	UNID	2+	-6/14	0947	CUBA	5z						
		WHRO	15	VA	64			WTWS	26	CT	409			1400	UNID	3 BB		Tele Rebelde							
		WBOC	16	MD	170			WHSW	24	MD	428				UNID	4-		E 0947 FM to Jamaica							
		WTFX	29	PA	278			WNJS	23	NJ	260				UNID	4+		RJR-FM Heard MUF							
		WLIG	55	NY	370			WMPT	22	MD	209			1930	WWAC	53	NJ	225	to 92.1 & 6 meters						
	0000	WNAC	64	RI	470			WLTV	21	NY	352			1945	W44AI	NY	300-t	HOT! FL into NS							
6/13 Tr	0010	WPHL	17	PA	278			WDCB	20	DC	213				In French or	CBAFT-9		1000	WPBT	2 FL 741					
		WGBS	57	PA	277			WUNM	19	NC	109				-ch 44	Kedgwick NB		1037	UNID	5					
		WTIC	61	CT	422			0840	WUND	2	NC	30		E 2020	WKRG	5	AL	781	1040	WCPX	6 FL				
		W51BH		VA	80				WTRK	3	VA	63			WKAQ	2	PR	1371	1100	UNID	2 French!				
	0300	Gloucester-CHA-ANC							WRAL	5	NC	152			2055	WTVJ	4	FL	739		cci DE WUND				
		WHSI	67	NY	369				WTVR	6	VA	138			2100	WPBT	2	FL	741		1125	CJCB	4 NS 1068		
		WHSP	65	NJ	260-HSN				WITN	7	NC	98			2115	WESH	2	FL	584		1130	CBHT14	5 NS 960		
		W63AM		VA					WRIC	8	VA	140			2130	WUFT	5	FL	578		T 1800	WNAC	64 RI 470		
		w/WAVY	10						WFXI	8	NC	88			2140	WPTV	5	FL	700			WLIG	55 NY 370		
		WCVX	58	MA	488				WGHP	8	NC	224			T 2330	WYED	17	NC	150			WSBE	36 RI 461		
		WNUV	54	MD	229				WVCT	9	NC	98				WUNP	36	NC	112			WLTV	21 NY 352		
		WNAC	53	NJ	225				WVAY	10	VA	64				WLXI	61	NC	234			2000	WTIC	61 CT 422	
		WFTY	50	MD	211				WTVB	11	NC	152				WUNM	19	NC	106				WTBY	54 NY 404	
		WJCB	49	VA	64				WVBT	12	VA	136				WLFL	22	NC	167				2130	WXXX	20 CT 404
		W8AW		DC	211				WCTI	12	NC	109				WCPB	28	MD	162			6/15 T	0030	WFTX	25 MA 497
		WMDT	47	MD	169				WVEC	13	VA	63				WPTF	28	NC	152					WSBK	38 MA 497
		WNJU	47	NJ	337				WHRO	15	VA	64			6/14 T	0010	WRLH	15	VA	144				WLVI	56 MA 497
		cci-ing o/w/WNUJ							WJKA	26	NC	104				W51BH		VA	120			6/15 E	0921	KDFW	4 TX 1224
		WBFF	45	MD	229				WUNJ	39	NC	187				W68GH		VA	64				0930	KXAS	5 TX 1224
		W44AI		NY	350				WKFT	40	NC	179				WMPB	67	MD	240				1000	UNID	3+
		WXTV	41	NJ	337				W68BH		VA	120			0130	WTGI	61	DE	256				1020	UNID	62 CBS
		WVGM	40	NJ	220				W52AB		VA	120				WLIG	55	NY	370				1025	KENS	5 TX 1378
		W40AH		VA	70				W44AD		VA	120				WNUV	54	MD	229				1030	UNID	5+
		cci-ing w/WVGM						0858	WNJS	23	NJ	260-cb				WHSE	67	NY	369				1030	FM SKIP TO TX	
		WRLH	35	VA	144			0900	WHMC	23	SC	234				WHSF	68	NJ	340					-MUF 90.1	
		WTVZ	33	VA	64				WCVW	57	VA	140			T 0945	WLIG	55	NY	487				1100	Checkout Hotel!	
		WCPB	28	MD	162				WVEC	23	VA	140				WVIT	30	CT	422					did FM in car	
		WENT	27	VA	64				E 1300	UNID	2-				E 0947	CUBA	4-							next!	

Comments to be with my DX:  
Steve West & I was in Kill Devil Hills, NC on a DX-expedition trip. Lots of DX on limited antennas. Would be great with a full fledged DX setup! My first time with E's on the Icom IC-R7000 with different audio on each channel offset -,z,+ at the same time! Just amazing to see. the video was a mess, too many stations at one time. I find it needs a good signal reading to give an good video output, but the audio will be in the clear. i have noticed when tuning in the narrow FM mode, you can hear the tv station SAP channel audio. For example WMPT-TV 22 Annapolis, MD audio on 523.76 Mhz., the SAP audio is heard on 523.84 Mhz., mixed with regular audio. back home I still don't have the dish back up since last year 7-6-91 when a thunderstorm took it down. but Im getting close to putting them back up. I got the VHF up with my VHF Ham beams, & the dish is next.

Well thats all for this time. i did get the VHF -TV antenna up with my VHF Ham antennas. I got a limited channel UHF-TV antenna up with the PA-4975 amp. the antenna is what I think is an cable TV grade type limited channel tuned to ch. 54, but works OK from ch 43 to 63. I got that in the middle of the VHF -TV antenna & the 440 mhz ham-beam. So, its going something till I get the dish till I get the dish back up. Last year my two tripods were damaged bad from a thunderstorm. i just got the the Channel Master 5 foot tripod up for the Ham stuff, and had room for the TV. Now my mother says this fall, we are going to have the roof re-shingled, and have to take them down then. So, the bigger tripod, Create Design 6 foot tripod will hold the 6 foot dish and 10 meter beam. The Tv skip has been little, but I really miss my UHF DX . I hope to report some more TV DX soon. I'm going now (to) Ocean City MD for vacation next week, and in two weeks more, going to Pittsburgh, PA! 73's till then. Tom

Symbols used in ETVDX : DE= From XLTR=Translator + - z = offsets from center channel ANC=All News Channel HSN=Home Shopping Network VJN=Video Jukebox CM=Channel Master SS=Spanish t=tentative o=/over u=/under

## EASTERN TV-DX

SEPTEMBER 1992

John F. Combs N4SFS, POB 721027, Orlando FL 32872 (407) 275-9091 (0600-2200 Eastern only)

MAY 1992

JULY 1992

JULY 1992

31 Tr 0505	WGXA-24	GA	322	2 Tr 0554	WMBB-13	FL	267	9 Tr 1011	WMAZ-13	GA	322
JUNE 1992				0555	WABW-14	GA	247	1015	WMGT-41	GA	323
1 Tr 2150	WJWJ-16	SC	293	3 Tr 0445	WPMT-15	AL	407	10 Tr 0826	W67BY	FL	125
	WJCL-22	GA	246		W64AX	FL	80		FT. Myers	(TBN)	
	WTOC-11	GA	245		Vero Beach (WPTV-5)				Es 1030+ CCI-2,3,4		
	WSAV-3	GA	246		0445 unID-66 TBN to N.				Tr 2108 Mobile V's & U's		
2228	WTGS-28	SC	245		0450 WTLH-49	GA	241		2209 WFXL-31	GA	248
2256	W67BJ	GA	255		0451 W36AJ	FL	128		2258 unID-66 TBN agn		
	Savannah (TBN)				Jacksonville (HSS)				2307 WJKA-26	NC	429
2 Tr 0641	WABW-14	GA	247		0452 WTAT-24	SC	320		(gone in 20 minutes)		
Es 1150+	unIDs 2-4				0518 W65BG	FL	225		2330 Pensacola U's		
4 Es 1343	unID-2 CBS				Tallahassee (ACTS)				11 Tr 0015 unID-48 brief,		
6 Es ----	CCI-2,3 in/out			4 Es 1034	Radio Caracas-3				odd 3/4 CB w/white		
	much of day				Barqismeto VENEZUELA				square centered (?)		
8 Es 1208	CKVR-3	ON	1097		(Ad for Banco de Ven-				0143 WEAR-3 (AL)	406	
	1224 WIVB-4	NY	988		ezuela; running kids				0144 WGXA-24	GA	322
	1229 WTMJ-4	WI	1010		show "Nubeluz" w/logo				12 Es 0942 WAPA-4	PR	1198
	1230 WMAQ-5	IL	990		in u.l.; pgm promos				0948 WIPM-3	PR	1150
	1306 WFRV-5	WI	1158		w/slogan "Tele-Vene")				1003 RTV Dominicana-4		
	1357 KTVO-3	MO	1011		1037-1153 unIDs-3 SS				Santo Domingo DR	857	
	1650 KGBT-4	TX	1022		1820-2000 CCI-2,3				(PSAs; 1004 ATM ad de		
	1651 KRGV-5	TX	996	Tr 2110	WJCL-22	GA	246		Banco Popular Domini-		
	1753 XHD-4 ? TA T				WJWJ-16	SC	293		cana; 1029 "Portada"		
	(KEW-2 pgms and ID)				2158 W33AL	GA	187		show w/live or taped		
	1836 WAPA-4	PR	1198		Brunswick (TBN)				i-view w/Haitian guy		
	1838 WIPM-3	PR	1150	5 Tr 0117	WTAT-24	SC	320		[Aristide?]; 1030 PSA		
	1843 WORA-5	PR	1150		0119 WGNX-46	GA	408		Instituto Dominicano		
	9 Es 1844 KMID-2	TX	1270		0835 WATL-36	GA	408		de Seguros Sociales)		
	10 Es 1313 KIMT-3	IA	1154		WVEU-69	GA	406		1034 RTV Dominicana-5		
	1905+ unIDs-2,3				0849 WRET-49	SC	441		Alto Bandera DR(//4)		
Gw 2029	W63BH	FL	10		WEBA-14	SC	323		1038 KIII-3	TX	991
	Orlando (Univision)				0851 WMGT-41	GA	323		1040 KGBT-4	TX	1022
12 Es ----	CCI-2,3 in/out				WUBI-34? GA		T		(Both above w/SS pgms		
	much of day again				WATG-26 (SC)		341		--beware!!)		
13 Es 1050	KXAS-5	TX	971		0901 WDCO-29	GA	297		1053 KRGV-5 ? TX	T	
	1159 KFQR-4	OK	1062	6 Tr	GULF TROPO IN JULY!*				16 Tr 0527	W34AW	FL
	1205 KXTX-5 ? TX T				2032 WPMT-15	AL	407			Sarasota (VJN)	
	1229 KFDX-3	TX	1081		WALA-10	AL	417		17 Es 1248	WCVB-5 ? MA	T
	1241 KGBT-4	NY	1022		2051 WMPV-21	AL	401			1257 WFSB-3	CT
	1300 KAMI-4	TX	1287		2053 WMBB-13	FL	267		22 Es 1050	WDIV-4	MI
	1926 KYW-3	PA	867		2055 WHBR-33 (AL)		407			1058 WDEM-5	MI
	1929 WNYW-5	NY	937		WSRE-33	FL	380			1124 WTMJ-4	WI
	1932 unID-4	CBC			2111 WJTC-44 (AL)		401			1130 WBBM-2 ? IL	T
	1946 WNBC-4	NY	937		2125 KETH-14	TX	858				
	2059 unID-5	CBC			2128 KRIV-26	TX	857				
	2137 WTVH-5	NY	1038		KHSH-67	TX	858				
	2233 KTVO-3	MO	1011		2146 KXIN-45	TX	858				
	2259 WSLI-3	IL	765		2147 KTMD-48	TX	841				
14 Es 0943	KFSM-5	AR	902		2149 KUHT-8	TX	857				
	0958 KOCO-5	OK	1062		2238 W29BH	MS					
	1025 KFQR-4	OK	1062		Biloxi (TBN)						
	1043 KXAS-5	TX	971		WMAH-19	MS	483				
	1215 Had to leave...				2303 W46AN	FL	291				
15 Es 0953	WTMJ-4	WI	1010		Panama City (Tourist)						
	0957 KIMT-3	IA	1154		2304 WPGX-28	FL	279				
	1000 WCCO-4	MN	1313		W48BC	FL	333				
	1006 WMAQ-5	IL	990		Destin (Tourist)						
	1955 WAPA-4	PR	1198		2316 KSAT-12	TX	1023				
	2059 KOET-3	OK	941		2319 WFSG-56	FL	306				
	2116 WDAF-4	MO	1052		0000	Quit--most f/out					
	2300 KFQR-4	OK	1062		--0400 re-check						
	2305 KXAS-5	TX	971		shows nothing						
16 Es 0019	KSNB-4	NE	1235	7 Es 1301	KFOR-4	OK	1062				
	0039 KLNE-3	NE	1313		1947 WFRV-5	WI	1158				
	(full CB w/ID)				2058 WTMJ-4	WI	1010				
	0800-0845 unIDs 2-4				2225 KFQR-4	OK	1062				
17 Es 2212	KIII-3	TX	991	Tr 2229	Mobile/Pensacola						
	2300 KPRC-2	TX	858		WGNO-26	LA	530				
18 Es 0812	KPRC-2	TX	858	8 Tr 0400	WPMT-15	AL	407				
	0817 KIII-3	TX	991		WMPV-21	AL	401				
21 Tr 0830	WOLO-25	SC	384		WFXL-31	GA	248				
	0846 CCI-2,4,5,7 to				WALB-10	GA	248				
	N.E. -- Charleston?				2125 WALA-10	GA	248				
	0935 WDCO-29	GA	297		WPMT-15	AL	407				
	0955 WMGT-41	GA	323	9 Tr 0600	May have missed						
25 Gw 0755	W21AU	FL	12		something great						
	Orlando (testing)				--see comments!						

Log at 410 stations.

EQUIPMENT: 4-bay UHF @ 20' AG w/Winegard AC-4990 pre-amp; Winegard CA-4052 VHF antenna @ 15' AG; Teknika TVC-22 tuner; Sony Trinitron 13" color monitor; Ambassador 12" B&W TV; assorted other stuff...

COMMENTS: Hard to believe that the main news in a mid-summertime report is tropo but 'tis true. Although it was exciting getting my first-ever summertime Gulf tropo, I fear my DX is overshadowed by Messrs. Dunne (FM tropo to PR and LR), Phelps (TV tropo to NC and SC, bisecting the Appalachians), and Howington (TV tropo to MD and NJ on the 9th--a first for any FL DXer as far as I know!). Mr. Howington got WBFF-45 MD, WNUV-54 MD, & WHSP-65 NV on a morning on which I had to leave early for work (story of my life ... sigh). E-skip has been occasionally interesting, including seeing Venezuela

for the second time ever on 7-4. Also managed to bag WCCO-4, a station that has always eluded me in Florida. Two new LPTVs locally (W63BH, W21AU) now give me a total of six low-power and ten full-power locals! Orlando is becoming a very problematic DX QTH! 73, JOHN.



Frank Wheeler 6589 Wattsburg Rd Erie PA 16509 19" Crosley Color TV Archer VU 160 Servo rotor

6/13 E 1500 WEDU 3 FL 888	6/16 T 0830 WANE 15 IN 267	7/7 E 1427 WWL 4 LA 1002	7/11 E 2000 WPBT 2 FL 1009
2314 KMTV 3 NE 817	1100 WKJG 33 IN 267	1530 WBRZ 2 LA 1016	7/18 E 1402 KSNW 3 KS 962
6/14 E 1300 KUSD 2 SD 896	6/20 E 2203 KLINE 3 NE 1005	1600 WDIQ 2 AL 802	1436 WLBT 3 MS 880
1430 KPRC 2 TX 1212	6/27 E 1708 KWGN 2 CO 1312	2054 KPRC 2 TX 1212	1833 CKCK 2 SK 1269
6/16 T 0806 WNDU 16 IN 312	7/4 E 1710 WPBT 2 FL 1009	7/11 E 1059 KLINE 3 NE 1005	

Joel Rosenberg 19 Glenayr Rd Richmond HI11 ON L4B 2W3 416-884-8454

Not a lot of ID-able skip this year, unless openings occurred during working hours.

5/17 E 0015 UNID 2	5/24 E 2132 MUF 92.5	5/30 T 1400 WKYC 3 OH 200	7/7 E 2200 UNID 2
Arsenio w/David Copperfld	2153 WISL 3 IL 635	6/10 E 2000 Weak flutter	Ad for KLIF 570-AM
5/20 T 2330 WUTR 20 NY 215	3rd Shortest ES	6/11 E 2115 "" "" ""	7/8 T 0800 WJIZ 25 OH 200
5/21 T 0750 Syr,H20town	2228 KQ2 2 MD	6/17 E 1700 KJRH 2 OK 1015	WKBD 50 MI 200
Strong	5/25 E 2100 UNID 3 NBC	1700 MUF 99.3	7/16 T 0755 WUTR 20 NY 215
UNIDs 22 & 33	2 PBS	Also weak skip on May 20th	7/25 E 2130 UNID 2
5/24 E 1902 Weak ES	3 ABC	the 26th & 27th	z to WGRZ
2132 UNID 3 ABC	2147 KMBC 3 ND	There's always hope for late summer & Fall tropo.	73's Joel

Karl Zuk 154 Old Post Road North Croton on Hudson NY 10620-1932

(Karl asks that Logos from TV stations be sent to him in conjunction for a project that consists of a map of the US with TV station locations along with Logos to help ID stations-BN) (U.S. AND CANADA that is-BN)

Tom Bryant 849 Todd Preis Dr. Nashville TN 37221 Station total 336

7/3 T 1129 WSBN 47 VA 244-t	7/10 T 0316 WFLI 53(GA)132	7/12 T 0000 K39CP MD 204	7/17 Vacationing
7/6 E 1952 KOTA 3 SD 1024	0343 WHNS 21 NC 243	7/13 T 0127 KARD 14 LA 406	7/26 In Minnesota
7/8 T 0958 WJLA 33 LA 467	0359 WENT 39 TN 233	0213 WKPT 19 TN 266	7/28 T 2225 KTKA 49 KS 535
0959 WXXV 35 MS 385	0450 WBSN 47 VA 244	0220 WKCH 43 TN 163	2259 KMCI 38 KS 494

the rare tropo openings to the E on 7/10 and 7/13 were a nice surprise that netted two new states and several 'most wanted' U's. An even bigger surprise was the 7/28 shot into Topeka... 49 was in for over 1 1/2 hours: 38 about 15 minutes. No KC signals...very narrow duct...Springfield, MO (except 3) all near s/f. THIS HAS BEEN THE WORST YEAR IN RECENT MEMORY (IF NOT EVER) FOR ES! (Tom, you mean E-Skip really DOES exist? Hi Hi-BN) In spite of that, I did nail down two most wanted on 2 last month. Stopped at Bill Eckberg's on 7/25 for a 5 hr visit. Have joined the quest to ID his 'chicken head' pattern from last season. (Ed Notes: Bill had a E-Skip station with a test pattern and the tp contained a chicken head toward the top of it, a real mystery indeed-BN) Current plans are to be in Pittsburgh for the convention. Hope to see you there. here's hoping fall tropo will compensate for the terrible Es season! (Are we supposed to have skip after May? Hi Hi-BN) 73's & goodXing! Tom

NEW Station on the air!!! WGTW Channel 48 Burlington NJ is now on the air with movies & varied programming. This per Steve West and Joe Fela tips. Burlington is a Philadelphia suburb and some 10 years ago or so WKB5 occupied ch 48 spot but they disbanded and ch 48 was vacant in Burlington NJ for some time until now---BN

Jim Renfrew 61 Wilcox St Rochester NY 14607 716-461-2717 home. 716-494-1847 work, Tu & Th

Equip.- GE color TV, Radio Shack rabbit ears.

July 7 ES: MUF to at least 107.3 MS and AL FM July 15 ES 1107-1130 MUF 3 UNID 3 Price is right

July 28 ES: UNID 2 PBS -KETS? MUF 97.5 @ 1115

Saul Chermos 79 Ridge Drive Toronto ON M4T 1B6 (TEMPORARY)

FROM BURNT RIVER

7/4 ES 2000 WPBT 2 FL 7/4 ES 2240 WJXT 4 FL

FROM PETERBOROUGH

7/6 ES 1900 WDIQ 2 AL 7/8 ES 1530 CKND 2 MB 7/11 1000 KNOP 2 NE

What a weird Es season! 1992 ranks as the most bizzare year since I started DXing in 1975. July had 5 minute openings on TV-2 -real short stuff like August. CKND is a good example. It lasted 3 minutes, fading in and out and quickly gone into the great DX black hole. No long haul tropo, stupid wintry weather patterns, not one heat wave. I'm planning to move to Toronto, where freelance and full-time work prospects are better. I'm using my parents' address for mailcause I don't know for certain where I'll be living.

73's and enjoy whatever may be left of 1992 DX. Saul

Robert Ross Box 1003 Stn B London Ontario Canada N6A 5K1 VE3JFC VHF-FM Beam UHF-Flying Arrow

7/16 ES 2040 KJRH 2 OK 7/16 ES 2050 KETS 2 AR 7/16 ES 2143 WEAR 3 FL

Did the Perseids turn out productive and DX worthy? Find out next month in ETVDX!!!

Christopher S Dunne 21541 NW 8 Ct Box 81 Pembroke Pines FL 33029-1085

Sony 9" trinitron TV Teknika TVC-22 tuner Archer 6 element FM antenna Gemini 20 antenna (rabbit ears)

Down here, it was a mind-boggling July. 1000 mile TV & FM...but it wasn't ES! Check out below. The Lord has blessed once again.

6/28 Tr 2221 W50	FL 100 -Note# 1	7/2 TR 2305:TR.	6 CUBA-Note #3	7/6 Tr 0110 WBTW	13 SC 540
7/2 Tr 0000:ZNS	13 BH 200		2310 UNID 8 -SS		Note # 4
0210 WKAQ	2 PR 1000+Note# 2	cZNS	13 still in!	7/7 Es 0945 KYTV	3 MO 1010
1300:ZNS	13 sign on!!!				"KY-3 for Kids"

Notes: # 1 Vero Beach/WFLX 29. # 2 Full ID @ sign-off! WPBT signs off 10 minutes prior.

# 3 // T.R. 13 Cuba, video Over WCIX! Havana likely. # 4 Mentioned "Grand Strand" : c = color

can anyone suggest a good V/U antenna for a mobile home, where 20 feet is the limit? I'm considering a 'Shack V-185 (11/90 VUD article) and U-120. To give you an idea how strong the Tr was, I saw WKAQ on the FM antenna! 73 Chris

(Nice going on WKAQ, I don't know what the WFFDA club record is for ch 2 Tropo...but it would be safe to say you have likely broken the DX record for lowband Tropo. Again nice going! A suggestion, the U-120 is a good UHF antenna but do get a amplifier for the UHF. UHF needs amplification even at 20 ft, it will make a big difference-BN)

Jeff Wolf 1131 University Blvd W Apt 701 Silver Spring MD 20902

7/4 ES 1141 MUF 4	7/12 Tr 0913+WKTR 3 VA	7/13 Tr 0225 NJ 65 PA 57	7/19 Tr 0819 WYED 17 NC
1157 WPBT 2 FL 900	2123+NC 16,28,40	0230 WJSE 68 NY 196	0821 WCCB 18 NC
1732 KPRC 2 TX	7/13 Tr 0000+Scranton 16,44	0233 Onancock xltres	0929 WPDE 15 SC
7/7 ES 1900 KJRH 2 OK 1031	0100 WLVT 39 PA	0249 WXTV 41 NY 196	7/20 ES 1802+MUF 3
2100 KFDX 3 TX 1225	0104 WRLH 35 VA	7/16 Es 2140+MUF 2	7/25 ES 1100 WPBT 2 FL
7/11 Tr 0006 WJNP 36 NC	0200 WLFL 22 NC 251	7/18 Es 1128 KOET 3 OK	7/27 Tr 0203 WKFT 40 NC
ES 1838 UNID 3 CBC-EE	0203 WKFT 40 NC 265	1458 fade out	7/28 ES 2005 NBC 3
7/12 ES 0743+MUF 2	0213 W34AX NC	7/19 Tr 0759 WAAP 16 NC 251	2026 KOTN 2 TX

Harry Hayes 9 Henry St Wilkes Barre PA 18702 RCA 1971 color TV set/ Ch 2 & 5 quad loop

#### JULY 1992 E-Skip

5 1128 KTCR 2 MN	11 2030 WEDU 3 FL	18 1130 WBAP 2 TX	18 1900 OKPR 2 ON	18 2000 KGAN 2 IA	18 2100 KJRH 2 OK
7 2100 KPCR 2 TX	2030 KPCR 2 TX	1230 KQTV 2 MD	18 1932 KGFE 2 ND	2000 KUSD 2 SD	2130 KOET 3 OK
					2253 KOTN 2 TX

Not much skip this July, in fact I will say this is the poorest July in memory. How could one season have the best May ever followed by the worst July? It just goes to show that you can't predict anything about DX.

Doug Smith 14 Brookside Ct Nashville TN 37209-4503 WSWI

Regarding your questions in the July ETVDX, I.F. filter mods for TV: Most inexpensive TV's don't have the "mono lithic" filters used in AM/FM radios, they use instead, L-C tuned circuits, as they were used in radio for years and these can't be easily replaced, though they can be retuned with the help of test gear. Newer and more expensive TV's often do have replaceable filters, but since there's no application for narrowband TV filters, they aren't commonly available, they are available for TV sound, cellular phones, & foreign broadcast. For adding video modulators to scanners: You need to demodulate the video first. the front end RF amp, mixer, and synthesized local oscillator from the scanner are indeed useable. from that point, you'll need to provide your own IF amp & AM detector (The scanner's Am detector, if it has one, won't work, because the IF filters are WAY too narrow) Or you could provide another local oscillator & mixer, & convert the scanner's mixer's IF output up to a TV channel. As for defeating muting: Yes, I see no reason it couldn't be defeated the same way as with radio. Do be careful, there's a lot more higher voltages floating around a TV set than a radio. Defeating AFC/AFT: TV's & VCR's already have a switch that is activated when you open the door over the tuning controls. In digital TV's/VCR's, the frequency is set by the "reference crystal": you don't want to diddle with that. Take my word for it! And adding channels with jumpers: Probably not. The more channels a cable ready set covers, the higher it has to go in frequency. For example, my VCR, which covers only through ch 36, goes up to about 300 Mhz. Expanding that range to 400 Mhz adds about 16 channels, up to 52 or so. It costs money to expand that range: UHF transistors/circuits aren't all that cheap. Channels aren't missed because governments don't want you watching certain things---they're missing because adding them would raise the price. (Thank for the info & answers, I'm sure this was of benefit to TV DXers-me too! Again thanx-BN)

Steven Sprachman 15 Berry Lane Hicksville NY 11801

.....July 7th-ES 1800 KATC 3 LA

.....August 3rd-Super trop opening- Salisbury MD to Portland ME: 2130 to 0000 WHDH 7 Boston over WABC (I hope the foto comes out) Also channels 2,4,5 Boston under NYC VHF's (No ID not counted) Boston U's 33 (The Box), ch 38 with Boston Red Sox game, 56, 66 HSN-s/f, WGBX-44-Boston -(totally covering LPTV WAAAI), WQTV-68-tent u/HMSE, WGBY 57 Springfield totally covering W57BC, WINDS - 50 Derry ID slide (another photo opportunity, also Unids 23 u/WJUS (Albany NY?-BN), ch 65 u/WHSP- I speculate the LPTV on 65 is in Springfield MA. Also seen - WBOS 16 MD, 17,29,35 Philadelphia, 6,10,12,36,64 Providence, 19 N. Adams, 22, 40 Springfield, Tent 51 Portland ME (with the Olympics!!), WHLL 27 (with Telemundo programming) Not seen LPTV 28, 59 in West Haven Ct, W0ST 69 Block Island -(this has proven to be a very difficult catch!)

(Steven returns on the next page=BN)



Steven Sprachman's report continued from the last page

Have you seen WOST -69 yet? (No-ch 68 kills anything adjacent here, I wasn't really aware of WOST but I am pretty sure WCVX 58 remains OFF the air and this is why you haven't seen them-BN)

We are in the process of packing for a trip around NY State. I'm bringing my LPTV finder, I purchased a SONY Watchman. If I see anything interesting, I'll report it. What does amaze me is the number of LPTV networks its becoming a real alphabet soup-AEN, HSN, HSS, HSNE, CHA, ANC, TBN, etc...after I come back from this trip, I plan to do some research. If I find anything useful, I'll share it. The overnight News shows have been multi-plying like crazy. All the Networks have them (although the ABC version is NOT carried by WABC-7, but is, by WTNH-8.) Some stations have the All News Channel overnight. Then theres the Home Shopping Spree. What happened to the good old days when a station operating 24 hours a day was the exception and not the rule. (Ed Comments: I guess that went out of style when all we had to watch were the 3 networks PBS and nothing else to watch-BN)

The plans for the "New Jersey Network" are interesting. I get 3 of the 4 on a regular basis. I would like to have three more choices, but I doubt the State will give up the network. Besides they're spending \$\$ on a Public Radio Network like its really needed!! Well let me close, I hope the DX season ends with a bang! I'm still kicking myself for going to work on May 20th!!

73's Steven

Mike Reid 1408-65 Spring Garden Ave North York ON M2N 6H9 ALL TROPO LOGGINGS

19' 1977 Zenith Icom R-7000 RS Two Bay & AC 4990 all @ 105' AG

5/11 0100 NE OH	6/3 0235 CICO 48 ON	6/14 0720 W69BJ MI	7/3 0352 WSNR 43 NY
0500 CFMT 47 ON-Nt # 1	0240 CHOT 40 PQ	(Lansing WAQP-49)	//WTUV
5/19 0200 WOLI 17 OH	0301 WEYI 25 MI	0727 WFFT 55 IN-s/f	7/9 0925 WMMO 24 OH
0212 W30AJ NY-Syr HSS	6/8 0115 CBLN 45 ON	as were some other	0927 WKAR 23 MI
0250 WKJG 33 IN	0227 WANE 15 IN	Ft. Wayne U's	0935 WGLD 28 MI
0255 WPTA 21 IN	0227 WPTA 21 IN	0748 WJMU 14 MI	7/12 0635 WNGC 34 NY
0302 WQAC 67 OH	6/10 2310 CBLN 20 ON	0802 WKAR 23 MI	0638 WITC 40 NY
0305 WPGH 53 PA	almost snow free	6/16 2057 WKJG 33 IN	0757 W60AD NY
0330 WGEF 22 OH	6/14 0250 C90T 32 ON-Nt # 4	2057 WFWA 39 IN	1200 WONY 24 NY-s/f
0740 W72AQ NY	0350 TVO 24-38-42	2102 WFFT 55 IN	7/18 0427 WENX 55 OH
5/21 0110 CICA 51 ON	& 53-55	2106 WANE 15 IN	0440 WMAF 53 OH
0130 CBLFT 34 ON	0315 CHLF 39 ON	2106 WGTG 30 OH	0447 W32 OH-TBN
0130 W30AJ NY	0315 CHLF 48 ON	2330 WSBT 22 IN	0454 W50BE OH
0420 CBEFT 53 ON-Nt # 2	0326 C 26 ON	2340 WAMI 17 MI	0456 W5FJ 51 OH
0546 W72AQ NY	(CKWS Brighton)	2359 WKAR 23 MI	0506CBLFT 34 ON
0550 WNEP 16 PA	0332 WXON 20 MI	6/17 0132 CBCE 16 ON	7/20 0000CBEFT 54 ON
0557 W81AI NY	0333 WEYI 25 MI	6/28 0915 WFMU 28 MI	0000 WUPW 36 ON
0615 WSNR 43 NY	0357 CBLN 34 ON	WRE 28 PA	0000 WGTG 30 OH
0623 WYOU 22 PA	0412 WADL 38 MI	(CICO 28 off)	0015 CIII 22 ON
0626 WATM 23 PA	0420 ReI 44 MI?-nt # 5	7/1 0037 CBLN 34 ON	0022CBLFT 48 ON
0636 WVIA 44 PA	0515 CBLN 64 ON	0050CBLFT 68 ON	0032 W48AP OH
0640 W60AJ NY	CBEFT 54 ON	0122 WYOU 22 PA	0105 WOLI 17 OH
0722 WPMI 43 PA-Nt # 3	0523 WKJG 33 IN	0144 WETM 18 NY	0107 W32 OH
0731 WLYH 15 PA	0527 W48AP OH	0814 WEYI 25 MI	7/22 2347 WSNR 43 NY
0745 WITF 33 PA	(Toledo Box)	0817 Ft W 33-39	2352 W62AN NY
0752 W60AD NY	0547 W68BV MI	7/2 0020 WNEP 16 PA	7/23 0007 WTUV 33 NY
0755 W80AK NY	0547 WSMH 66 MI	0025 WYOU 22 PA	0010 WJTR 20 NY
0805 WJTR 20 NY	0600 WTLJ 54 MI	0026 WENY 36 NY	7/24 0155 CICO 19 ON
6/2 0900 CHOT 40 PQ	0630 WMMO 24 OH	0027 WOLF 38 PA	0155 CHLF 25 ON
6/3 0216 CICO 24 ON	0710 WFWA 39 IN	0030 Chatham 48-64	0150 CICO 24 ON
0220 CHLF1 25 ON	(w/gd evening sld)	0350 WBRE 28 PA	7/27 0052 WEYI 25 MI
0230 C80T 59 ON	0710 WANE 15 IN	7/3 0012 WJTR 20 NY	0230 WMMC 23 IN
0235 CHLF 39 ON	0710 WPTA 21 IN	0210 WTUV 33 NY	0240 Ft. W 21-33-55

EXCEPT FOR THE NEW STATIONS, SATELLITE NUMBERS ON CANADIAN STATIONS ARE OMITTED.

Notes;

....# 1 Running both main and standby xmtrs. heavy zero beat. Main had TP and standby had an ID slide. ....

....# 2 Both running Phillips TP from Montreal. CBLFT not on. Not sure if feed was shunted through Toronto or picked up in London on a dish. CBLFT9-53 does not feed off of CBLFT8-61. Both CBLFT10-48 and CBLFT17-68 are able to switch between CBLFT9 and CBEFT. Once when CBLFT and CBEFT ran different movies, CBLFT10 had CBEFT's movie and after when it was over, it switched to CBLFT9. One morning, CBLFT17 was running the TP that CBLFT9 runs. All Nite. I saw it switch to the slide that CBEFT runs. ....# 3 Mixing with WSNR and WJAB. Never seen a three way fight on 43 before. ....# 4 With WMTI -50. I count off channel phantoms as different from the on channel operation. After all, if a station drifts a whole channel or changes channel it is new. As well, there is a real signal one channel off. Note this is based on output channel, not input channel. ....# 5 Not WTLW, W44AG TBN. CITY-57 produced an image on the Icom at the same place. CITY was running a movie with folk rock music & it was mixing with the gospel from this thing.

Mike Reid's report continues on the next page-BN)

Mike Reid continued from the last page.....

Due to the odd weather, this season has produced a lot of small short lived openings not always when you expect them. It is odd to look at the paper and see on some days that Yellowknife is doing better (and not just cool days either). At the start of the 6/14 opening, the tropos would be strong towards the east & North East then switch to the West & SW ten minutes later and switch back again after that. My unid ch 30 from 12/10 appears to be WMT 30. I got a letter from Tom Bryant the same day the VUD with the last CCI column arrival. They agreed. There was a 17+ with it, which fits Nashville- but not enough details to count it. My second close call with WZTV. WMT is a relog. W39BC, Buffalo NY is on with a religious net called 'Family Net'. This station speaks volumes about FCC engineering standards. most of the time, they are out of sync. When they are in sync, there are usually one or two kinds of CCI-like patterns on the screen. I've seen skip thats more watchable. Haven't heard a code ID, either. \*\* (Editors' comments- Personally, I see at least 2 major FCC rules being broken, the FCC has been cracking down with very high fines for such serious violations -fines as high as \$10,000 per violation are being levied. It is up to us, we DXers to report these violations to the FCC. Maybe sending a video tape of the stations not adhering to FCC rules and not properly ID-ing to a FCC field office-for evidence : would ensure that these stations comply to the FCC rules or face high fines. As long as these "LPTV's" with no real entertainment value clog up the TV dial with useless programs and then go to create interference and fail to ID, then maybe we should in fact report these to the FCC. If they can't meet broadcast standards...they should go off the air until they do! This comment was the ETVDX editors' and not of the reporter or the WTFDA-BN)\*\* I noticed Bruce Hall's remarks about skip on U.S. Memorial Day There have been tropo opening on U.S. Thanksgiving. I think there's a plot here. 73's Mike

Eric Voytko 1721 Dalewood Place, McLean, VA 22101

703-356-9663

Equipment; UHF-Screened 6' Channel Master dish, Winegard CP-4800 preamp and 6 UT-2700 traps  
HD73-1 rotor, RG11/064 Foam, 35' AG  
VHF-Channel Master Quantum 1110, Archerrotor, RG11/064 foam, 35' AG  
RECEIVERS-Icom TV/R-7000, JVC HRD970U VCR, Zenith and Sony Monitors

June 1992				July 1992			
3 Es	1006 KOET-3	OK 1030		20 Es	1104 WBRZ-2	LA 990	10 Tr 2315 Durham 17-28-36
	1100 KITV-3	MO 870			2100 <u>KLNE-3</u>	<u>NE</u> 1190	7 Tr 0615 Altoona 10-23-47
4 Tr	0625 WMGM-40	NJ 130			2130 WBRZ-2	LA 990	18 Es 1058 KJRH-2 OK 1030
	0627 WXTV-41 (NY)	210		21 Es	MUF-2		1130 KOET-3 OK 1030
	0700 W40AH	VA 150			<u>July 1992</u>		1357 KLNE-3 NE 1190
	0702 WHRO-15	VA 150		7 Es	1936 KATC-3	LA 1060	2052 <u>KMTV-3</u> NE 1010
	(AMP FAILURE)			Tr	2320 <u>WUNK-25</u>	NC 230	2110 to 2200; KLNE,
9 Tr	2146 WTKR-3	VA 150			2326 WUNJ-39	NC 320	KQTV, KSNC, KSNW
	2146 WAVI-10	VA 150			2327 WKFT-40	NC 240	27 Tr 2141 WNJS-23 NJ 130
12 Es	2054 2 & 3 Loaded			12 Tr	2120 Durham 36-40		WNJT-52 NJ 160
	Fr. Canadian 3				2126 WAAP-16	NC 240	2243 WYBE-35 PA rare
13 Tr	0904 <u>WJAC-6</u>	PA 140			2219 WZYK-65	VA 90	2310 WGPT-36 MD rare
Es	1001 WESH-2	FL 730		13 Tr	0534 <u>WPDE-15</u>	SC 340	28 Es 1007 <u>WBAV-2</u> WI 680
	1300 WBRZ-2	LA 990			(solid)		1059 KGAN-2 IA 810
	1300 KATC-3	LA 1060			0545 Durham 22-28-36		30 Es 2245 MUF-3
	2134 KQTV-6	OK 1030			0630 WUNJ-39	(weak)	
17 Es	1735 MUF-6			16 Es	0858 KSNC-2	KS 1160	<u>August 1992</u>
	1800 KSNW-3	KS 1110			2118 KQTV-2	MO 940	1 Es 1235 MUF-3
	1804 KSNC-2	KS 1160			1950 MUF-6		1300 WBRZ-2 LA 990
	1821 KJRH-2	OK 1030			1959 WBRZ-2	LA 990	1327 KETS-2 AK 890
	1827 <u>KMOS-6</u>	MO 870			2041 <u>KAUZ-6</u>	TX 1230	2 Es 1145 MUF-2
	1831 MUF-88.1			9 Tr	0613 WRDC-28	NC 240	4 Es 1810 KPFC-2 TX 1230
	1903 KQTV-6	OK 1030			0613 WYED-17	NC 240	1815 KBTX-3 Tx 1210
	1908 KFDX-3	TX 1240			0615 <u>WTVB-11</u>	NC 240	(super strong/stable)
					0618 WPDE-15	SC 340	5 Es 1824 KJRH-2 OK 1030

I would say that June and July have been fairly good for Es, considering the limited time I have to pursue DX'ing. This is my second skip season, thus many stations are new loggings. From my perspective it has been ten times better than '91. On July 28 I logged my shortest skip ever, via VCR taping, off the back of the antenna! It pays to set your VCR on a lowband channel while at work. The short tropo on July 27 was unspectacular, but brought some freakish signal strengths. WPMT-43/WLYH 15.85 miles, were over 40db on the Icom's meter, outperforming the Baltimore U's. I even had a picture image of 43 on 38, unusual for a station that distance (At least for Me)

My recently resurrected PA4975 died again, this time for good apparently. I'm using a CP4800 as a backup and it works well, but overloads more than the 4975. Michael Parks directed me to Ford Electronics, who still have a few PA-4975's left, but am also considering the RDX amp.

Editors' tidbits..... Jeff Kruszka also wrote that he said there should be a VJN (Video Juke Box Network) channel guide printed in the VUD like CHA and TBN channel guide/station listings were published in the VUD some time ago. Also to clarify the heading in this month's ETVDX. It should read that Jeff's VCR has a switchable ON-OFF Video Muting.....BN



Dave Nieman, 12284 Nice Road Akron New York 14001-9529

Equipment: RCA 19" b&w TV with Teknika 6510 tuner, Channel Master 3617B VHF on a CDE rotor at 23 feet. Channel Master 4251 UHF (7" dish) with Blonder-Tongue CMA-Ub preamp on a crankup tower at 30 feet with Alliance HD-73 rotor. Using RG-11 coax for both antenna. New loggings are underlined. New call {KKKK}.

JULY 1992	7 Es	1430 WDSU	6 LA	1097 11 Es	2030 WEDU	3 FL	1064
1 Tr 0900 WFXT	25 MA	374	1500 WEAR	3 FL	987 18 Es	1400 KSNW	3 KS
0900 WHSH	66 MA	359	2038 KFEM	5 AR	988	2030 KTBS	3 LA
							1096

Fast moving weather systems and lots of rain has shut-down any chance of good tropo. E-skip season is far from over but the openings are fewer and much shorter in duration. Dave

Dave Nieman Ho-Sta-Geh, Road Rock City, New York

Equipment: RCA 9" b&w TV, Radio Shack V-110 VHF at 25 feet, Channel Master 4225A UHF with DX Tele Lab EU-4S preamp at 30 feet both antenna on Radio Shack rotor. Using RG-6 coax. New loggings are underlined. New call {KKKK}.

JULY 1992	26 Tr 0701	W39BC	NY	61	26 Tr 0741	W46BA	NY	40
26 GW 0700	W20AB	NY	3	Buffalo (Fam. Net.)	Jamestown (WNED-17)			
	Olean (Ch. Am.)			0730 WYTV	33 OH	129	0800 WUAB	43 OH
							0900 WAKC	23 OH
								170

I mounted the VHF/UHF antennas on a 20 foot guyed mast for now; they do work better. Seen some skip on the 25th (best to southwest) around 10:00 AM with and MUF of 90.7 FM. Stayed in till past noon but I had no ID's. Dave

Matt Sittel, 603 Fulton Rd., Apt.B-24, Tallahassee, FL 32312 (904) 386-2212

Kingsport, TN DX:

July 1992

3 tr 1452	WTCT-45	TN	179	16 Es	1213 KSNC	-2 KS	901	21 Es	1129 KCWC	-4 WYT
1455	WDSI-61	TN	178	tr	1336 WKRN	-2 TN	244		1130 KDLO	-3 SD
1458	WTVC-9	TN	132	Es	1359 KNOP	-2 NE	1032		1131 KXMA	-2 ND
1516	WDEF-12	TN	133		2059 KDLO	-3 SD	982		1158 KUSD	-2 SD
4 Es	1144 unID	-2		17 Es	1552 unID	-2			1158 unID	-6
5-11	out of town			18 Es	1148 KLBY	-4 KS	1033		1159 KPRY	-4 SD
11 Es	2222 unIDs	-2,3			1159 KLINE	-3 NE	955		1225 KWGN	-2 CO
12 Es	1047 unIDs	-2,3,4			1359 KBME	-3 ND	1172		1226 KCNC	-4 CO
13 Es	1127 unIDs	-2,3		21 Es	1029 KGFE	-2 ND	1126		1241 KLBY	-4 KS
15 Es	1258 KNOP	-2 NE	1032		1051 KOTA	-3 SD	1209		1259 KNOP	-2 NE
	1259 KTYS	-3 CO	1142		1056 KDUH	-4 NE	1172	22-29	out of town	
	1328 KLINE	-3 NE	955		1117 KTWO	-2 WY	1335	30 tr	1159 WAVE	-3(IN)
16 Es	1136 CKPR	-2 ON	898	tr	1126 WKRN	-2 TN	244		1159 unID	-4

This has been the worst season I can remember for E-skip! Even though I have been out of town a lot, the amount of skip out there has been less than previous seasons. I can see how seasons like this can make DXers give up the hobby! I am hopeful that DX in FL will rejuvenate my current lack of enthusiasm for '92's DX conditions! John Combs has already shown us that Tallahassee can get in on lots of good DX. Now I just hope that grad school won't eat up all of my free time! 73's Matt.

New guidelines go into effect with the November submissions. From now on, please list your MUF in a separate section and not in the TV DX catches, just like some reporters do in Western TV DX.

Also please list only DX catches in your submitted column format such as 7/11 Tr 2100 WAAA 37 NY 200-s/f Please don't list anything else in the column section. Don't add stuff like..."Syr, Scranton-s/f or CCI on Local WDX or Boston UHF's 25, 38,56,66"-etc This really should not go into the COLUMN FORMAT. After awhile everything looks very cluttered and very hard to scan. Instead delegate all this stuff to Note # 1, Note # 2, Note # 3-Etc, on the bottom of the reports in the "Notesection" is where all this really belongs, not in the actual DX catches. There are no changes for narrative reports, except try to keep everything in order. In narrative you CAN use "Scranton 16,22,28,38,56-etc, Not on column format. Please list translators IN the column as before, underneath the primary station as always as before, but keep it short please.

If I get anymore reports where the time of your DX catches were not in successive order and even some dates (!) of the catches were not in order. If I get anymore reports with catches listed like 2120,2114,2117 2112-etc, your report will be returned to you to be corrected. 98% of you have been following these guidelines already, and I thank you. But a few out there have been making things a bit harder to do up ETVDX, and these changes ARE for the better, making ETVDX easier to scan & making the columns clutter free! Thank! -BN

# WESTERN TV-DX

Fred McCormack  
PO Box 65666  
St. Paul MN 55165-0666

(612) 735-6860

Deadline: 10-08-92

Cut-off: 07-01-92

September 1992

Judging by the size of this month's column, one might assume that July 1992 was an exceptional month for TV-DX. Unfortunately, it was not. The column is dominated by older loggings.

With a few notable exceptions, July was non-eventful. E skip was reported on the following dates: 1,4,5,6,7,8,10,11,12,13,14,15,16,18,20,21,22,25,28,29, and 31. That is a fair number of dates, but the openings did not seem to produce much.

Jeff Kruszka in Louisiana got into a fine gulf tropo opening from the 5th to the 8th. Also reporting 500+ mile tropo in July was new reporter Jim Dietrich pulling in south Texas UHF's from Derby, Kansas. Dave Pomeroy also had a nice tropo opening with numerous north Texas and Oklahoma translators being caught on the 15th.

A special welcome to new reporters Jim Dietrich and Mike Hawk. I hope to hear from both of you regularly. Anyone reading this column from the Western TV-DX region is encouraged to send in a report. Your DX is significant no matter how few loggings you may have. There are a host of states never heard from in Western TV-DX. Maybe DX never happens in Arizona, New Mexico (we know better than that, Jim Pizzi!), Nevada, Utah ....?

New \_\_\_\_\_ New Mode \_\_\_\_\_ Tent. - t Unidentified - unid S/On - + S/off - =  
ID Color Bars - ● Unid Color Bars - % Misc. Test Patterns - &  
Parallel Programming - // MTS Stereo - \$

BN Baja California Norte  
CH Chihuahua

CU Coahuila  
DF Distrito Federal

NL Nuevo Leon  
TA Tamaulipas

ANC All News Channel  
CBN The Family Channel  
CHA Channel America  
CNN Cable News Network  
HSC Home Shopping Club  
HSS Home Shopping Spree  
LIF Lifetime  
SHO Showtime

TAB Three Angels Broadcasting  
TBN Trinity Broadcasting Network  
TBS TBS SuperStation  
TNN The Nashville Network  
USA USA Network  
VJN The Jukebox Network  
VVN Valuevision Network

Jim Dietrich, PO Box 88, Derby KS 67037

CDT

## Equipment:

Samsung 5" black & white Model TB-0550, 10' HB yagi ch 14-45 with RDX Labs  
UA-900 preamplifier at 30'.

<b>April 1992</b>			30 tr 1059 K54DT 54 TX 420	12 tr 0543 KMEG 14 IA 345
29 tr 0700 KHIN 36 IA 285			(Abilene KIDY- 6)	0554 K71BO 71 KS 80
1000 KBIN 32 IA 270			1110 KTAB 32 TX 430	(Herington KAKE-10)
1015 KPTM 42 NE 260			2300 KXAN 36 TX 500	0607 KHIN 36 IA 285
(All snow free)				KBIN 32 IA 270
30 tr 0025 KDNL 30 MO 400	<b>May 1992</b>			( See Note # 2 )
0500 WEVV 44 IN 525	1 tr 0313 KXLN 45 TX 560			
0524 KBSI 23 MO 430	0431 KWKT 44 TX 425	<b>July 1992</b>		
0531 KWKT 44 TX 425	0436 KUVN 23 TX 325	1 tr 2330 KXAN 36 TX 500		
0535 WICS 20 IL 450	0510 KBSI 23 MO 425	KWKT 44 TX 425		
0538 WYZZ 43 IL 480	0516 KASN 38 AR 360	KXLN 45 TX 560		
0545 WRSP 55 IL 450	0528 WICS 20 IL 445	2 tr 0020 KABB 29 TX 560		
0605 KRIN 32 IA 430	0546 WCFN 49 IL 445	0459 KLAX 31 LA 520		
1045 KTXA 21 TX 340	0549 WYZZ 43 IL 480	0510 WLMT 30 TN 440		
KDFI 27 TX 340	0550 WMBD 31 IL 470	0521 WKVT 15 MS 470		
KDAF 33 TX 340	0554 WXMT 30 TN 590	0527 KCIT 14 TX 295		
KXTX 39 TX 340	0601 WBAK 38 IN 545	0535 KMSS 33 LA 395		
KJTL 18 TX 250	0620 WEVV 44 IN 525	( See Note # 3 )		
1055 KWKT 44 TX 425	( See Note # 1 )			

Note # 1 - A continuous two day opening with many stations snow free.



Jim Dietrich (Continued)

- Note # 2 - Heavy fog locally. These were all snow free. Signals were strong only from the north.
- Note # 3 - The opening was to the south generally. To the north, KPTM-42 at 260 miles was about average strength.

A severe hailstorm on June 19th left the UHF yagi in a "modified" condition so I'm replacing it with a 10 foot dish. No, it's not logical, but I've been planning the upgrade for some time. Should be up within two weeks.

Mike Cherry, Box 631, Ganges BC V0S-1E0 (604-537-5201) PDT

Equipment: See July 1992 Western TV-DX.

June 1992	6 Es 2100	KGFE	2 ND 1163	12 Es 1200	KTVU	2 CA 769
28 Es 1931 KNAZ 2 AZ 1137		KBME	3 ND 1062		KCRA	3 CA 739
(Over CBUT)	7 Es 0600	KTVN	2 NV 670	1228	KRON	4 CA 772
29 au 1829 CFJC 4 BC 186		*KVBC	3 NV 986	14 Es 0800	KINT	3 IA 1596
(Audio only)	0619	K02---	2 NV	15 tr 2000	KREM	2 WA 299
2218 CBUCTt 3 BC	(Unknown	KVBC- 3)			(Audio - o/CBUT)	
(Audio only)	2100	KKTot	2 NM		KXLY	4 WA 300
2230 KXLY 4 WA 300	2330	KYTV	3 MO 1725	2100	KLEW	3(WA) 341
	8 Es 1800	KVBC	3 NV 986	Es 2200	KREG	3 CO 1028
July 1992	1900	KTVK	3 AZ 1223	16 Es 2027	*KTVK	3 AZ 1223
6 Es 1830 KOTA 3 SD 1015		KCCZ	4 UT 940	2033	KNAZ	2 AZ 1137
1859 *KMTV 3 NE 1428	2000	KTVU	2 CA 769	18 Es 0730	*KEYT	3 CA 1006
KTIV 4 IA 1376		KCRA	3 CA 739	20 Es 1930	KLNE	3 NE 1311
2000 KDLO 3 SD 1245	11 Es 2000	*KTVK	3 AZ 1223	2000	KTBS	3 LA 1887
KPRY 4 SD 1157	12 Es 0600	*KUTV	2 UT 795	2029	*KMTV	3 NE 1428
2027 CBWFT 3 MB 1167	0614	*KTVX	4 UT 795	2032	KTIV	4 IA 1376

June 29th aurora was only strong enough to produce intelligent video on KXLY-4. On the 7th, KVBC-3 appeared on channel 2. Signal hovered on channel 3 at the same time so I doubt it was an image. This was in for about 20 minutes. (Nice logging, Mike. Unfortunately, with several channel 2 translators of KVBC existing, it won't be possible to establish the actual origination of the transmission. fm)

There has been a cooling of E skip openings since early July, perhaps due to geomagnetic disturbance. July 20th, I was delighted to see KTBS-3 make its now annual appearance. At the same time, I had double hop E skip on 6 meters to Arkansas, Louisiana, and Oklahoma.

John Ebeling's unid channel 4 ("5" on screen) was probably a CKBI-5 Saskatchewan translator. 73's, Mike VE7SKA

William Draeb, Ellis St., Rt. #2, Kewaunee WI 54216 (414-388-2350) CDT

Equipment: See July 1992 Western TV-DX.

Not much of an E skip season yet. Most openings were weak and didn't get above channel 4.

June 1992	12 Es 2029	CBXTt	5 AB	13 Es 1358	WEDut	3 FL
8 tr 0545 WWAT 53 OH 405		CKSat	2 AB		WCIV	4 SC 900
10 tr 0656 W64AU 64 WI 120	2050	KBME	3 ND 660	1959	KFDX	3 TX 935
(Adams WHRM-20)		KXGnt	5 MT		KENW	3 NM 1145
11 Es 1059 KKTO 2 NM 1165		KXMA	2 ND 760		KAUzt	6 TX
(HSS)	2059	KRTV	3 MT 1155	2028	KARK	4 AR 715
1215 KMIDt 2 TX		KWSE	4 ND 820		WCTVt	6 FL
1250 KENW 3 NM 1145		KOUS	4 MT 1005		WESht	2 FL
KOB 4 NM 1185	2105	CKKxt	2 AB	2112	WEDut	3 FL
1305 KDBC 4 TX 1345		KFBbt	5 MT	2158	KENW	3 NM 1145
1310 KREG 3 CO 1075	2124	KTVQt	2 MT		KAMR	4 TX 985
("News West")	13 Es 0510	unid ch 2 nw		2215	KRMA	6 CO 965
12 Es 1925 unid ch 2 south	1358	WCBd	2 SC 900		KCNC	4 CO 965
2018 unids chs 2-5 nw		WWAY	3 NC 865		KCWC	4 WY 1065
CKCKt 2 SK		WJXt	4 FL		KWGnt	2 CO
unids chs 3, 4		WCSC	5 SC 900	2259	KDUH	4 NE 805
2029 CFQC 3 SK 1015		WFMY	2 NC 715	2301	KOTA	3 SD 780

<u>William Draeb (continued)</u>				14 Es 1800	all gone	20 Es 1145	KCNC 4 CO	965
				1904	unid ch 3 south	2112	unid ch 2 west	
13 Es 2315	KOB	4 NM	1185		unid ch 2 south		unid ch 3 Canada	
2349	KTWot	2 WY		15 Es 1315	KCWC 4 WY 1065	22 tr 0521	W54BK 54 IN	205
2400	KCWC	4 WY	1065		CBRT16 4 AB1195		WOUC 44 OH	435
14 Es 0955	unids chs 2, 3				( See Note # 1 )		WEVV 44(KY)	455
	KOB t	4 NM		16 tr 0600	W54BK 54 IN 205		WDRB 41(IN)	430
1C58	XHPN	3 CU	1300		(Chesterton ANC)	2159	W18AT 18 IN	195
	( See Note # 2 )				(Snow free)	(Gary		LPTV)
	KACB	3 TX	1130	0612	WTBU 69 IN 325	27 Es 1158	KDFW 4 TX	965
	(KRBC-9 ID)				W13BQt 13 IN		KMOL 4 TX	1200
1114	KWABt	4 TX			(Portage LPTV)	tr 2350	W29BE 29 MI	110
1150	KFDX	3 TX	935	Es 0629	unids chs 2-5 s	(Muskegon		TBN)
1159	KENW	3 NM	1145		(No time to DX )		(Morse Code ID )	
	KACVt	2 TX		1300	all gone	28 tr 0630	W18AT 18 IN	195
	KAMRt	4 TX		1819	WCBDt 2 SC		W54BK 54 IN	205
	KMIDt	2 TX			WCIVt 4 SC	30 tr 2235	W33ART 33 IL	
1359	KTXTt	5 TX			WESht 2 FL		(Rockford WCIU-26)	
	KLBY	4 KS	795		WEDUt 3 FL		Rockford45,62,68	
1404	KBSDt	6 KS		1827	KRTV 3 MT 1155		W33AX 33 WI	135
1451	KRMA	6 CO	965	17 Es 1658	KATC 3 LA 1030		(Madison TBN)	
1459	KCNC	4 CO	965	18 Es 2320	KDTNt 2 TX		( See Note # 3 )	
	KOAAt	5 CO			unid channel 3	2314	W18AT 18 IN	195
1557	KOTA	3 SD	780		KDFW 4 TX 965		("Dunes" slide )	
	KDUH	4 NE	805		KXAS 5 TX 965		W54BK 54 IN	205
1601	KOUS	4 MT	1005		unid channel 6		(ANC)	
1604	KTVQt	2 MT		19 Es 1330	KRTV 3 MT 1155			
1610	KCWct	4 WY		2105	unid ch 4 Canada	July 1992		
1625	KBME	3 ND	660	20 Es 0200	unids chs 2-6 nw	4 Es 1808	unid channel 2+	
	KLNE	3 NE	670	0430	unids chs 2-4 nw	5 Es 1000	unid channel 2-	
	KTWot	2 WY		0810	unid channel 2+	2106	unid ch 2+ south	
1640	CFQC1	3 SK	1085	0830	KRTV 3 MT 1155		unid ch 3 south	
1648	KWSE	4 ND	820	0840	KTVQt 2 MT	6 Es 1405	unid ch 2-	
1659	CBKT1	4 SK	950	1145	unid channel 2			
1719	CJFBt	5 SK			KTVS 3 CO 830			

Note # 1 - Coutts/Milk River - "LETHBRIDGE" seen with local programming.

Note # 2 - Soccer match in Spanish. Network program. Network logo in upper left corner of screen.

Note # 3 - Snow free. Morse Code ID at 2303. No tone heard, but it modulated the picture as it took place (visual Morse Code).

This past weekend Robert Kramer called me to say that the channel 54 with Catholic programming which I saw wasn't W54BK, but was W54AP Mokena, Illinois (Blue Island per FCC. fm). That same evening they were in again with a movie entitled "Held" which was followed by the Rosary and color bars with ID in upper right corner and sign/off at 2215. There was no mistake this time as the picture was snow free.

Mike Hawk, 10212 P St., Omaha NE 68127-2130

CDT

#### Equipment:

VHF: Bradford B&W TV and FM-10 up 30'. UHF: Korvette brand TV (Toshiba parts) with loop at 1' above the ground (in the basement!).

<u>July 1992</u>				16 tr 0852	KTIN 21 IA	131	16 tr 1028	KMCI 38 KS	161
9 tr 0200	KWQC	6 IA	279		0858	KTKA 49 KS	1030	KOPT 19 MO	167
16 tr 0846	KITN	29 MN	297		0859	KTAJ 16 MO	1037	KHNE 29 NE	129
0848	KYIN	24 IA	198		0900	KDSM 17 IA			

June was real good for TV and FM, but July was terrible. I had a report ready to send to Fred in May, but all my files got erased on my word processor! It was mainly E skip, with about two dozen loggings.

Tropo had been pretty good until we got in this cold and wet weather pattern. We just finished the coldest July ever in Omaha, as well as one of the two wettest ever!

I usually only DX TV after the openings seem to be getting less productive on FM, as well as when I follow E skip MUF through channel 2, etc.

The small July 16th tropo opening was pretty good, with very strong signals, but nothing of any great distance logged. I have locals on channels 3, 6, 7, 10, 12, 36, and 42. Channels 3 and 6 being occupied makes E skip monitoring fairly tough. 73



Dave Sinclair, 6565 Brooks Street, Vancouver BC V5S 3J6

PDT

Equipment:

Archer Antennas: VHF-FM model 15-8654. UHF model U-120. Both mounted on Channel Master Crown rotor. UHF 4 feet above rotor, VHF-FM 1 foot above rotor. Rotor mounted on 5 foot pole, chimney straps. Archer amplifier model 15-1113, adjustable 10-20 dB, connected to UHF. Sony colour TV model 13TR14, purchased in 1991. Electrohome VHS VCR. Philips stereo converter model CT 3600 which has separate inputs for cable, VHF and UHF.

Channel 3 received over CBUT-2 rebroadcaster at Chilliwack, British Columbia, 56 miles east, 590 Watts erp. This rebroadcaster stays on all night with a colour bar and is fed by CBC North. CBUT's main transmitter on channel 2 signs off air after signoff.

<u>May 1992</u>				13 Es 2000	KLBY 4 KS 1269	8 Es 1700	\$KVBC 3 NV 996
15 Es 1030	KOTA 3 SD 1002				(Over KOMO)	2037	KCRL 4 NV 681
29 tr 2030	K6BDL 68 WA 111			2030	KTVX 4 UT 794		(Over KOMO)
(Seattle TAB)					(Over KOMO)	12 tr 0230	KATU 2 OR 252
2100	KEBN 32 OR 288				\$KCRA 3 CA 757	24 tr	KEBN 32 OR 288
				2100	XHBC 3 BN 1210		(AT 1 day!)
<u>June 1992</u>						25 tr 0130	KBSP 22 OR 288
6 tr 0200	\$KATU 2 OR 252	<u>July 1992</u>					(Over KTZZ-22)
0230	KNMT 24 OR 252	6 Es 2000	KOTA 3 SD 1002				

Michael Parks, Route 1, Box 103, Amery WI 54001

CDT

Equipment:

Channel Master 1110 Quantum with Winegard PA-1375 preamplifier and RG-11U at 30', Channel Master 4228A with Winegard PA-4975 preamplifier and RG-11U at 35', Alliance HD-73-1 rotor, Channel Master 7206 Hi "Q" trap, and Zenith Z1920W 19" color TV.

<u>May 1992</u>				8 aE 0108	WLNE 6(RI)1087	13 Es 0122	●KKTO 2 NM 998
5 Es 1730	KPRCt 2 TX			0111	WFSB 3 CT 1005	0148	KNAZ 2 AZ 1241
2200	KVBC 3 NV 1350			0135	&CBFT2 3 PQ 799	0201	KOTI 2 OR 1476
12 Es 1648	KENWt 3 NM			Es 1400	KMID 2 TX 1065		(New State # 43)
16 Es 2304	KIII 3 TX 1261			1410	XEPM 2 CH 1215	0214	KBCI 2 ID 1175
18 tr 2348	WDAY 6 ND 261			1422	KENW 3 NM 1017	2130	KBTX 3 TX 1047
2351	KDLO 3 SD 260			1500	KKTO 2 NM 998		WLBT 3 MS 918
2352	KTHI 11 ND 274			10 Es 1357	KATC 3 LA 1062	2159	KATC 3 LA 1062
2354	KFME 13 ND 260			1359	WBRZ 2 LA 1046	14 Es 0100	●KKTO 2 NM 998
2358	KXJB 4 ND 274			1458	KJRht 2 OK		KDKD 3 ID 1012
	("KX4")			1500	WDIQ 2 AL 1008	0207	=KENW 3 NM 1017
25 Es 1149	WSAV 3 GA 1094			1820	KENW 3 NM 1017	0213	KJRH 2 OK 672
1400	WCBD 2 SC 1092			1900	KREG 3 CO 872	0215	KMID 2 TX 1065
1401	WCIVt 4 SC				("5-10-6-3" ID)	18 Es 2200	unid channel 3
1942	WMAR 2 MD 900			1912	KMID 2 TX 1065	19 Es 0123	KMID 2 TX 1065
1956	WRC 4 DC 896			11 Es 1259	KENW 3 NM 1017	0135	KNAZ 2 AZ 1241
	WTTGt 5 DC			1300	KNAZ 2 AZ 1241	0215	●KKTO 2 NM 998
2012	WCAX 3 VT 952			1318	KKTO 2 NM 998		
<u>June 1992</u>				1319	KTVK 3 AZ 1341	<u>July 1992</u>	
4 Es 1526	KATC 3 LA 1062			1400	XEPmt 2 CH	6 Es 1900	unid ch 2z NBC
5 Es 1200	WMAR 2 MD 900			1544	KNAZ 2 AZ 1241	7 Es 1158	WEDU 3 FL 1333
1300	WKTV 2 NY 872			ms 1630	KACvt 2 TX	20 Es 1730	unid ch 2- NBC
1328	WFSB 3 CT 1005			12 Es 1259	KPRC 2 TX 1109	21 Es 1657	KENW 3 NM 1017
8 aE 0106-0231	many Cana-			2125	KIDK 3 ID 1012	28 Es 2111	KENWt 3 NM
	dian unid chs2-6				KRTVt 3 MT	31 Es 0032	KTVK 3 AZ 1341
				2200	KLEW 3(WA)1191		

There seems to be an inordinate amount of E skip from the west/southwest this year vis-à-vis the more typical east/southeast. KOTI-2 was a pleasant surprise. They came in on top of KNAZ with an ad for Crater Lake Ford in Medford then went back to the Tonight Show. This station broke my old E skip distance record by 111 miles.

Local KTCa-2 was kindly absent during many of the skip openings in June. they were off the air each afternoon June 6-12 for antenna repairs.

Trops have definitely been lacking this summer which has been unusually cool here in the upper Midwest. A Twin Cities meteorologist remarked that the official high temperature made it into the 80s only three times in July!

William Eckberg, 1032 Sterling Road, Dixon IL 61021

CDT

Equipment: See July 1992 Western TV-DX.

<u>July 1992</u>				21 Es 1720	KREG	3 CO	933	28 Es 1000	WGBH	2 MS	918
7 Es 0950	WESH	2 FL	985		1725	KWGN	2 CO	1030	WFSB	3 CT	842
1000	WPBT	2 FL	1229	tr 2245	WBTU	69 IN	214	1130	WTKR	3 VA	767
1015	WEDU	3 FL	1031	22 Es 1100	WESH	2 FL	985	29 Es 0455	CHAU2	3 PQ	952
1300	WWAY	3 NC	800		WWAY	3 NC	800	0457	CFAP	2 PQ	938
13 Es 0905	WPBT	2 FL	1229	28 tr 0435	WLMT	30 TN	451				
21 Es 1050	KNAZ	2 AZ	1258	Es 0930	WCBS	2 NY	792				

I had seventeen skip loggings from June 20th through July. All but three were AM. That is the least through the prime season I can remember.

I had a rare early AM opening into Quebec. The info on the color bars was different than anything seen before on that channel. I hope to verify my conclusion as to their origin from photos at the convention. At prime E skip distances, I've certainly seen them in the past. I've never seen any of the French Canadians ID during programming. This was a rare opportunity to positively ID them.

Frank Merrill, P.O. Box 669, Macomb IL 61455 (309-833-2661)

CDT

Equipment

ICOM R-7000 VHF-UHF communications receiver with video adapter and Zenith L1310C9 13 inch. VHF-UHF (Winegard 8100?) with Winegard PA-4975 preamplifier, RG-11, at 40 feet.

May 1992

1 tr 0232	OKSWO	7 OK	618	8 Es 0900	XEFB	2 NL	1161	10 au 0512	unid 14- audio			
	OKC UHFs		502		WBRZ	2 LA	701		(Only from ne! )			
0248	KWKT	44 TX	733		WEDU	3 FL	990	tr 0531	K45DF	45 MN	255	
0251	Tulsa	41, 47	410		KMOL	4 TX	883		(Austin	STV-CBN)		
	K26CR	26 MO	231		KDBC	4 TX	1063	0537	&WHLA	31 WI	234	
	(Kansas City		HSC)		unid ch 4	Mexico			(LOCAL!)			
0308	W43AG	43 KY	301	1030	KGBT	4 TX	1069		WHWC	28 WI	323	
	(Hopkinsville		LPTV)		KRGV	5 TX	1069		(Rare - strong!)			
0309	K43CJ	43 AR	299		KRIS	6 TX	962	0538	W25AN	25 WI	390	
	(Mountain Home		TBN)	1223	WCPX	6 FL	979		(Lac du Flambeau	STV)		
0315	KXLN	45 TX	800		WESH	2 FL	952	0540	W49AG	49 WI	200	
0318	KERA	13 TX	646	9 tr 0506	KTBO	14 OK	502		(Bloomington	WHLA-31)		
	OKTEJ	19 AR	314		W43AG	43 KY	301		(Snow free)			
	("AETN")				Huntsville 31,				&WLEF	36 WI	379	
0350	KFDxt	3 TX			48, 54	455			&WHRM	20 WI	312	
0438	KXAM	14 TX	807	0513	WLCN	19 KY	274		K39AS	39 IA	161	
	(//KXAN-36	ANC)			(Snow free)				(Marshalltown	CHA)		
0447	OKUVN	23 TX	561	0520	WLMT	30 TN	356		( See Note # 2 )			
	( See Note # 1 )				(Snow free)			0608	K14AF	15 IA	205	
0523	KVDA	60 TX	882	Es 1745	WMAR	2 MD	743		(Decorah	KYIN-24)		
0529	KXAN	36 TX	806	10 tr 0220-0300	Many OH Us				(w/WLAX-25 vid )			
0531	KAFT	13 AR	369		CIII22	22 ON	420	0637	K74CZ	74 MN	254	
0545	OKFAA	51 AR	359		0350	K38CL	38 MN	254	(Winona	KTTCC-10)		
	KRIV	26 TX	800		(Winona	KITN-29)		0720	K63DY	63 MN	425	
	OKXII	12 OK	557		KXLI	41 MN	374		(Little Falls	KMSP- 9)		
0550	OKBVO	42 TX	806		KXLT	47 MN	264		K57CN	57 MN	281	
	("WHS-515")			0418	K51CY	51 MN	255		(Wabasha	KSTP- 5)		
0556	KLTJ	22 TX	800		(Austin	STV-USA)		0750	K38CL	38 MN	254	
0640	KFWD	52 TX	646		K53DI	53 MN	255		(Over K38AB!)			
	KTLC	43 OK	501		(Austin	STV-SHO)		14 tr 0230	strong to se	300		
0651	KABB	29 TX	882		(No audio)			Es 1240	@XEFE	2 TA	1026	
0859	KXON	35 OK	393		K55FJ	55 MN	255		1241	XEFB	2 NL	1161
5 Es 1700	WKTV	2 NY	826		(Austin	STV-CNN)		15 tr 0400	W39BH	39 IL	146	
	CBFT	2 PQ	926		(No audio)				(Champaign	HSS)		
	WCAX	3 VT	947	0421	K49DB	49 MN	255	Es 1759	WPBT	2 FL	1164	
1705	WBZ	4 MA	1010		(Austin	STV-TBS)			WTVJ	4 FL	1163	
	WCVB	5 MA	1010		0427	K57EU	57 MN	255	tr 2048	Huntsville	48,54	
	WSTM	3 NY	766		(Austin	STV-LIF)			(Brief)			
1714	WLBZ	2 ME	1150	0440	K61EU	61 MN	255	16 Es 2327	WRBL	3 GA	648	
6 Es 1120	WESH	2 FL	952		(Austin	STV-TNN)		2334	WESH	2 FL	952	
7 Es 1230	CBFT	2 PQ	926		(Through K61FF )				WJXT	4 FL	867	



## Frank Merrill (continued)

16 Es 2359	WCBF	2 SC	795	6 tr 0705	W57BJ 57 WI	301	11 tr 0205	Marshalltown IA
	WSAV	3 GA	777	(Green Bay	TAB)			translators 161
24 Es 1730	WEDU	3 FL	990	<u>W54AR</u> 54 WI	<u>360</u>			<u>K35CFT 35 IA</u>
	WESH	2 FL	952	(Fence	WPNE-38)		(Des Moines	TBN)
	WPBT	2 FL	1164	(IDed by bearing			( See Note # 5 )	
	WTVJ	4 FL	1163	ONLY - not IA)			Es 1140	Arizona 2, 3, 5
1930	WGRZ	2 NY	641	W64AU 64 WI	240		1200	KIDK 3 ID 1146
1945	WTVH	5 NY	767	(Adams	WHRM-20)		-??-	KKTO 2 NM 919
2007	WBZ	4 MA	1010	Es 1957	KTVK 3 AZ	1276	12 tr 0700	( See Note # 6 )
	MUF 107.9+			2032	KPHO 5 AZ	1276	Es 1911	unid ch 2z PQ
2024	WCVB	5 MA	1010	2036-2100+	XHBCT BN		1934	CFCL2 2 ON 760
	(DXed FM)			(Yuma on FM)				<u>CKRNT 4 PQ</u>
25 Es 0705	WWL	4 LA	728	7 Es 1100	KMID 2 TX	866	2034	<u>CJOH6t 6 ON</u>
0717	WBRZ	2 LA	701	8 Es 0035	&CJBR 2 PQ	1199	2057	CKBI 5 SK 1125
	KMID	2 TX	866	("Quebec")			2100	CFRN 3 AB 1380
0724	KATC	3 LA	725	&CBFT2 3 PQ	856		2129	CFQC1 3 SK 1150
KALB	5 LA	658		("Montreal")				CITL 4 AB 1271
(Rare)				&unid channel 3			2144	<u>CBXT 5 AB 1387</u>
0736	KIII	3 TX	967	(Full CBs no ID)			2204	unid channel 4+
0745	KENW	3 NM	859	0108 &CKCW	2 NB	1346	2234	CFCN 4 AB 1341
0825	WPTV	5 FL	1126	("ATV")				CKXX 2 AB 1345
0900	WUFT	5 FL	874	0113 &CKLT1	3 NB	1222	13 Es 0040	●KKTO 2 NM 919
WESH	2 FL	952		("ATV" // above)			0232	KUTV 2 UT 1127
1310	NC stuff-DXed FM			0130 ●CBHT	3 NS	1395	1000	WPBT 2 FL 1164
1930	WTVR	6 VA	732	("CBC-N.S.")			1930	KYW 3 PA 810
1945+	exc- New England			0132 %CJCHt 5z NS			1933	WPVIt 6 PA ABC
(DXed FM)				0156	WBZ 4 MA	1010	1939	WMAR 2 MD 743
31 Es 1900	KTVQ	2 MT	968	0159	unid channel 6		2000	KACB 3 TX 818
	CKND2	2 MB	818	( See Note # 4 )			2130	CFSC 4 SK 1101
	CKYB	4 MB	782	0220	all fade		2145	KGFE 2 ND 643
	CBKFT2	3 SK	1125	tr 0225	W29BE 29 MI	298	2152	CKOS 5 SK 941
				(Muskegon	TBN)			CFSS 3 SK 871
				0311	KHOG 29 AR	359	2230	CJFB 5 SK 1072
				0422	WEAO 49 OH	472		CBPC3 3 SK 1030
					WNEO 45 OH	509		KSRE 6 ND 746
				Es 1228	WPBT 2 FL	1164		KWSE 4 ND 841
				1530	Salt Lake 2,4,5		2239	KBME 3 ND 661
					1127		2258	CKCK 2 SK 960
				1600	KCWC 4 WY	944	2326	<u>KXGN 5 MT 834</u>
					KTWO 2 WY	824		("KX14/KX5")
				1630	KIDK 3 ID	1146	2335	<u>KYUS 3 MT 866</u>
				tr 1949	KITN 29 MN	342		(// KOUS-4)
					KHNE 29 NE	391		KOUS 4 MT 952
					KHOG 29 AR	359	14 Es 0002	KRTV 3 MT 1132
				9 Es 1100	WEDU 3 FL	990	0008	CKCK 2 SK 980
				1900	XHRIO 2 TA	1080	0106	●KKTO 2 NM 919
					KGBT 4 TX	1069	tr 0155	<u>W54BK 54 IN 200</u>
					unid ch 3 Mexico		(Chesterton	ANC)
				tr 2040	KITN 29 MN	342	0203	<u>W18AT 18 IN 191</u>
					KXLT 41 MN	374	(Gary	NOAA wx)
				10 tr 0118	WQHS 61 OH	470	0213	<u>W25BM 25 MI 248</u>
					0400	W29BE 29 MI		(Berrien Springs TAB)
					(Muskegon	TBN)	0216	W24AI 24 IN 215
					WTLJ 54 MI	298	(Michigan City	TBN)
					(Also TBN)		Es 1253	KGWL 5 WY 946
					Fort Wayne Us288			MUF 107.9 MHz
					Northern OH Us		1419	KDUH 4 NE <u>663</u>
					Detroit UHF5 403			KOTA 3 SD 690
					WSFJ 51 OH	434	1432	<u>KIVV 5 SD 723</u>
					(Strong)		1458	ND eds 3,4,5,6
				Es 1750	KTVK 3 AZ	1276	1518	CKBI 5 SK 1125
				1830	KGWL 5 WY	946	1535	CKOS 5 SK 941
					KIDK 3 ID	1146		CFSS 3 SK 871
					unid ch 6 Idaho		1559	KGFE 2 ND 643
					1835	KREG 3 CO	887	CKND2 2 MB 818
					1850	KREX 5 CO	954	CBWFT 3 MB 725
						KCNC 4 CO	772	CBWFT4 3 MB 848
				1915	KNAZ 2 AZ	1197		CBWT 6 MB 725
					KMID 2 TX	866	1606	<u>CBWYT 2 MB 987</u>
							1641	<u>CBWT2 4 MB 724</u>

## June 1992

3 Es 0930	WESH	2 FL	952	3 Es 0930	WESH	2 FL	952
1826	KNAZ	2 AZ	1197				
4 Es 0957	WPBT	2 FL	1164				
1000	KTVQ	2 MT	968				
1458	KKTO	2 NM	919				
5 Es 0700	KTWO	2 WY	824				
0724	KMID	2 TX	866				
0900	KCWC	4 WY	944				
	KRTV	3 MT	1132				
0930	KGWL	5 WY	946				
0939	KSL	5 UT	1128				
1000	KIDK	3 ID	1146				
1029	KPVI	6 ID	1129				
	( See Note # 3 )						
1059	<u>KIVI</u>	6 ID	<u>1318</u>				
	KAID	4 ID	1318				
1130	KXLF	4 MT	1158				
1135	KLEW	3 ID	1382				
	(No ID - recog-						
	nize CCI)						
6 tr 0549	● <u>W54BE</u>	54 IL	<u>135</u>				
	(Sugar Grove	LPTV)					
0550	Rockford Us	146					
	(Snow free)						
	W65BT	65 WI	230				
	(Milwaukee	WCIU-26)					
	(Hvy CCI on their sig)						
	W36AO	36 IL	180				
	(Palatine	VJN)					
	(Snow free)						
	WGBA	26 WI	301				
	(Snw free w/CCI)						
	W30AL	30 IL	125				
	(Plano	CHA)					
	( Like a local )						

## Frank Merrill (continued)

14 Es 1641	CBWGT1 5 MB 850	16 tr 2216	KDXT 58 TX 646	19 Es 0218	%CHAT 6 AB
1700	CBWFT7 2 ON 670	2221	KATV 7 AR 422		(3/4 - Clock LL)
	CBWFT5 5 MB 1106	2228	KVUE 24 TX 806	0255	KSL 5 UT 1128
	( See Note # 7 )	2230	KAFT 13 AR 369	0315	KUTV 2 UT 1127
15 Es 1420	WPBT 2 FL 1164	2242	KDAF 33 TX 646	0330	MUF still 99.1!
1840	El Paso/Juarez	2243	KWEX 41 TX 880	0400	KOTA 3 SD 690
	chs 2,4,5 1063		KRRT 35 TX 880	0418	CFQC1 3 SK 1150
2028	KENS 5 TX 885		(In all night)	0430	CKCK 2 SK 960
2228	WWL 4 LA 728	2245	KXTX 39 TX 646	0458	CKYB 4 MB 782
2232	unid channel 2		KBVO 42 TX 806		(Ph1111ps)
	( See Note # 8 )		KXLN 45 TX 800	0525	CFQC1 3 SK 1150
2258	WLBT 3z MS NBC		KNCT 46 TX 761	0800	El Paso/Juarez
16 Es 0617	WESH 2 FL 952	2258	KHSX 49 TX 646		chs 2,4,5 1063
0620	KBTX 3 TX 747	2358	KRIV 26 TX 799		Florida ch 2
0622	KKTO 2 NM 919	17 tr 0000	KLRU 18 TX 806	2150	CKSA 2 AB 1271
	WBRZ 2 LA 701		KITU 34 TX 732	2230	CITL 4 AB 1271
0627	KPRC 2 TX 799		( See Note #11 )	20 Es 0102	CFQC1 3 SK 1150
0630	KMID 2 TX 866	0014	KTVT 11 TX 646	1000	WEDU 3 FL 990
	KFDX 3 TX 628		unid channel 23+		WESH 2 FL 952
0633	KDFW 4 TX 646		( See Note #12 )	2029	CITL 4 AB 1271
0636	WWL 4 LA 728	0055	KVHP 29 LA 722		CKCK 2 SK 960
0639	WDSU 6 LA 725	0200	KLSB 19 TX 651	2100	CKB13 4 SK 1028
	KACB 3 TX 818		( See Note #13 )		CKBI 5 SK 1125
0647	KJRH 2 OK 410		KTBS 3 LA 566	2158	CFSK 4 SK 1101
	( See Note # 9 )		(Watchable)	2201	CKBI# 2 SK
0651	KIII 3 TX 967	0204	KLDT 55 TX 566	2239	CFRN 3 AB 1380
0654	WKRK 5 AL 691		("The Power Ch")	21 Es 1213	KNAZ 2 AZ 1197
0658	WEAR 3 FL 698	0212	KXXV 25 TX 731	22 tr 0530	WAF 48 AL 455
0659	KENW 3 NM 859		(Over WEEK!)		Total overload
0718	KATC 3 LA 725	0228	KLTV 7 TX 602		to east.
0729	KAMR 4 TX 705		(All night ABC)	23 Es 1759	CKBQ 2 SK 1070
	KACV 2 TX 703	0505	WMLT 30 TN 368		( See Note #11 )
0737	KOB 4 NM 933		(Rare)	1803	CKSA 2 AB 1271
0745	+KNME 5 NM 933		CKASN 38 AR 424	24 tr 0440	KTBO 14 OK 502
	(AM Weather)		unid channel 35		(Local program )
0824	KREZ 6 CO 952	0630	( See Note #13 )	0450	WTBU 69 IN 236
	KOAA 5 CO 755		Evansville 242		Central OH UHFs
	(Busy on FM)		WTCT 27 IL 218	0515	SW Ohio UHFs
0959	KNAZ 2 AZ 1197		KHOG 29 AR 359		Dayton 22, 45
1023	KOB 4 NM 933		WAFF 48 AL 455		snow free 340
1038	KUAT 6 AZ		W43AG 43 KY 301	2141	unid ch 29- ese
1049	KVOA 4 AZ 1241		W17AZ 17 IL 215	26 ms 0237	KKTO 2 NM 919
1110	KDBC 4 TX 1063	Es 1750	(Johnston City TAB)		(Previously Es.)
1605	Cuba 2 ICRT TP	1830	WECT 6 NC 780	29 tr 0240	Hunstville 31,
	( See Note #10 )		WPBT 2 FL 1164		48,54 463
1629	WPBT 2 FL 1164	18 tr 0300	WEDU 3 FL 990		WDSI 61 TN 465
1631	Cuba 4 ICRT TP		K43CJ 43 AR 299		W53AF 53 MS 417
	( See Note #10 )	Es 0800	KTBO 14 OK 502		(Booneville WBUR-40)
1800	KMOL 4 TX 883	0819	KNAX 2 AZ 1197		
	WBRZ 2 LA 701	0923	KVOA 4 AZ 1241		
1830	CKSA 2 AB 1271		El Paso/Juarez	July 1992	
	CITL 4 AB 1271		chs 2,4,5 1063	4 tr 0514	W54BK 54 IN 200
1841	CKRD 6 AB 1359		KTVK 3 AZ 1276	0517	KKYUO 15 IA 99
1852	CFQC2 6 SK 1196	1934	KNAZ 2 AZ 1197	Es 1100	XEFB 2 NL 1161
	CFQC1 3 SK 1150	2257	WBRC 6 AL 525	1650	WESH 2 FL 952
1859	KFBB 5 MT 1132		(Previously tr )	1728	WEDU 3 FL 990
	KXLF 4 MT 1158	2300	KOAA 5 CO 755		KIII 3 TX 967
1938	CBXT 5 AB 1387	2302	WEAR 3 FL 698		KGBT 4 TX 1069
1941	CKKX 2 AB 1345	2304	WTVY 4 AL 712	1830	XHRIO 2 TA 1080
	CFRN 3 AB 1380	2328	KACV 2 TX 703	1838	XER 6 ??
1944	CFCN 4 AB 1341	2333	KCCZ 4 UT 1216	1850	unid ch 3- XHGC
1957	KMOL 4 TX 883		KCNK 4 CO 772		(Probably XHBQ )
	XEFE 2 TA 1026	2336	KWGN 2 CO 772	1901	XHGC 5 DF 1541
	XHPN 3 CU 987	19 Es 0009	KAMR 4 TX 705		( See Note #16 )
2056	KHQ 6 WA 1404	0021	KKTO 2 NM 919	6 tr 0750	K64-- 64 MO
2100	KRTV 3 MT 1132	0030	KENW 3 NM 859		(Unknown VVN)
	KREM 2 WA 1404	0041	KNME 5 NM 933		(St. Louis hdg )
tr 2216	KVDA 60 TX 883	0142	KGWL 5 WY 946		K58DH 58 MO 140
		0157	KTVX 4 UT 1128		(St. Louis VJN)
				Es 1030	CFQC1 3 SK 1150



Frank Merrill (continued)				9 tr 0448	Austin 45,51,55,	12 Es 1225	●KTX	5 TX	779
					CCI 61 255	16 Es 0549	unid ch 3 PQ		
6 Es 1030	CKCK	2 SK	960		K48AA 48 MN 317		("Quebec")		
	●unid ch 3 SK			(St. James	STV)		●unid ch 3 ON?		
	("CBC Regina")				K14AD 14 MN 392		("Ottawa")		
9 tr 0420	W18AT	18 IN	191	(Willmar	KSAX-42)		( See Note #13 )		
	W54BK	54 IN	200	0500	WUAB 43 OH 469		&CFRS	4 PQ	1061
	●WXOW	19 WI	234		(Snow free)		&CFAP	2 PQ	1061
	weak Cleveland,			0515	WVIZ 25 OH 467		0937	CKCK	2 SK
	WBSX, Detroit,				(Over WEEK)		18 Es 1759	CFQC1	3 SK
	and WTLW			0530	W68AA 67 IL 162		1815	KWSE	4 ND
0435	WTOL	11 OH	386	(Danville	WAND-17)		1818	KBME	3 ND
	WUPW	36 OH	383		(w/WTJR-16 aud )		2011	CKV	4 MB
	(Snow free)			10 Es 1000	WUND 2 NC 834			CKB13	4 SK
	WOAC	67 OH	490	12 Es 0718	SKYUS 3 MT 866		2028	KNAZ	2 AZ
0448	KXLI	41 MN	374		(S9 + 40 dB)			CKND2	2 MB
	KXLT	47 MN	264	0730	CKCK 2 SK 960				

- Note # 1 - 0447, 01 May - This one was "down in the mud" (weak floater with WIFR-23) with other D-FWs nearly or totally snow free, yet John Combs' mileage printout shows this Dallas suburb station as 85 miles (!) closer than the Cedar Hill antenna farm. Where is their tower? (3720 Marquis Dr in Garland - about 620 miles from your house. fm).
- Note # 2 - 0540, 10 May - Satellite feed ruined by microwave tropo ducting CCI.
- Note # 3 - 1029, 05 June - I noticed that their ID slide co-IDs with the new channel 2 in Jackson, Wyoming, so when I get this again (VERY rarely) I'll certainly be checking channel 2 for parallels on any local stuff.
- Note # 4 - 0159, 08 June - Call 346-TIPS for "News Center 6" news tips. Not WCSH-6, Maine, (I tried) so unlikely needed, but would still be nice to know. (WRGB-6 has a 346 prefix. fm)
- Note # 5 - 0205, 11 June - Heavy "translator-type CCI" against WWTO-35. It may have briefly been on top. If so, they're also TBN, but I couldn't really tell if WWTO ever yielded. Is this or somebody else in Iowa here now? (K35CF was licensed 06/19/92. fm)
- Note # 6 - 0700, 12 June - Super-enhanced 300 mile tropo all directions except northwest.
- Note # 7 - 1700, 14 June - This station does not appear in the WTFDA Data Base, but I later noticed it was on the John Combs mileage printout. I called CBC-Winnipeg 15 June to find out what I had, and they said their only SRC net on channel 5 was this 72 Watt outlet. Has this station ever been DX'ed before? This is my lowest power E skip logging though I surely had a brief Idaho(?) channel 3 translator several years ago around 0300 or 0400. Seven new E skips in one day is "unknown" for me, nowadays. Five new channel 5s in 44 hours made me feel like I'd just started a new log! The period June 12th to June 18th is probably the "most interesting" seven day period I've ever DX'ed, though the "best" would still be the massive tropo opening around Thanksgiving 1986.
- Note # 8 - 2232, 15 June - Spanish newscast causing "bizarre CCI" to KTVI-2, with "Cadena de la..." in the lower left. Veracruz? Double hop E skip? WBRZ-2, Louisiana, conspicuously absent. I don't recall ever seeing this CCI before.
- Note # 9 - 0647, 16 June - This is my closest E skip ever logged, giving Miami ("My-am-uh") and Ponca City temperatures. Former closest was KSNC-2, Kansas, 455 miles.
- Note #10 - 1605, 1636 16 June - Where are these Cubans, anyway? I've never seen a trace of these on the rare occasions I've had 3-5-6 Cubans and today there was no trace of those others.
- Note #11 - 0000, 17 June - Channel 34-. Both nearby TBNs are channel 34+. No aural ID. "In and out most of the night."
- Note #12 - 0019, 17 June - This is strange! Audio was 23+ and carried Univision or programs that are carried by that network. Jeff Kadet wrote to Glenn Hauser who ID'ed the tape and said that KUVN, Garland, Texas carries Univision. This all sounds fine and dandy, except that KUVN is 23z! So what was this? Perhaps a wrong offset in the Data Base for KVEO or something.
- Note #13 - 0530, 17 June - This one ran an ad for "KBSC" Radio which I do not have a listing of. It could have been KRRT-35, Texas, but I doubt it - the other Texans had faded by now. Perhaps a translator in Arkansas?

Frank Merrill (continued)

- Note #14 - 2201, 20 June/1759, 23 June - One phone call to CIPA-TV (not listed in the Data Base and I forgot to ask what channel they're on) (Channel 9. fm) solved both of these, sort of. On June 20th, I had "CKBI" programming on channel 2. This is a 3 kW transmitter at Spiritwood. My "CIPA-TV" on channel 2 was the Melfort (Star City) transmitter, which is still CKBQ. Apparently the one company owns both CKBI (CBC) and CIPA (CTV). I'm wondering whether this information is correct? My June 20th reception was 2+ offset which is correct for (listed) CKBQ and my June 23th reception was 2- offset which is wrong for them. Also, the Melfort calls "CKBQ" mimic CKBI a lot more than they mimic CIPA. CIPA is, by the way, in Prince Albert, which explains the many Prince Albert mentions seen June 23rd during community notes show. I also wonder whether CIPA had these two "reversed" because, just after "CIPA", I had CKSA. Spiritwood is only about 100 miles east of Lloydminster! It appears that the CRTC is doing the same thing with farly-low power VHF's ("short spacing" them) as the FCC is doing on UHF with translators (such as W24AI Michigan City, Indiana, "short spaced" to WCGV-24, Milwaukee).
- Note #15 - 1838, 1901, 04 July - XEX (which carries XHGC) ID'ed by recognizable CCI and the channel 5 parallel. At 1901, a true XHGC ID was seen on channel 5. When I've had XHAJ they always had an XHAJ/XEX ID slide during XHGC's local ad/ID breaks - I have never seen an "XHGC" ID on XHAJ/XEX, until now. Does this mean that I truly had XHGC? To confuse matters all the more, the sky guide in Satellite Orbit Magazine shows transponder 10 of Morelos 1 as belonging to "XHGC/XHAJ. Does anybody know what's going on here?
- Note #16 - 0549, 16 July - The "Quebec" test pattern had channel 3+ audio, suggesting CBFT2, but isn't that test pattern supposed to say "Montreal"? I always thought the "Quebec" on channel 3 was CBVT2, but CBFT2 is the only channel 3+ shown in Quebec. More mysterious is the "Ottawa" printed in huge white letters. I couldn't determine its offset. I show a CKRN3-3 in Bearn/Fabre which picks up CKRN, but where does CKRN get its signal from? CBFT-9, Ottawa? "Ottawa" and a clock are language neutral, so it could have been either a French or an English station.

This has definitely been a strange DX season! There's been recent E skip, but very rarely into FM at all - and no tropo in about a month. The season seems to have crashed and burned as soon as summer officially arrived. I'm surprised, too, by the unusual amount of Canadian E skip this year - and most of the tropo has gone into the "wrong" direction! Before this year, I'm not sure if I've ever had significant "long-haul" more south than west tropo DX (Texas from here; Mississippi, Arkansas, Memphis, southern Missouri, eastern Texas from Ohio) at this time of year, and there's been three of them since April! Jeff tells me I missed some Austin, Texas, while in Indiana. Usually, I expect these in September through January. I've seen some of the typical summer/late spring tropo openings (Ohio, Wisconsin, Minnesota), but none of the most common long-haul summer stuff (CITY-57, WPGH-53, WBSN-47) has shown up yet. So, tropo and E skip (with all the Canadians) are both bizarre this year - why? I'm also surprised how often I see "foothills" E skip from less than 800 miles, such as KOAA-5 (755) seen here 5-10 times since starting my log; similar distances to the east like Washington DC channels 4 and 5 (726) and WFIL-6 (810) are among stations NEVER seen here via E skip! Fortunately, both DCs once came in on a super meteor burst. Even more surprising, I've seen KXAS-5 (646) via E skip three or four times. I've seen Ralph Strobel get Des Moines E skip on FM (300 something), Danny Buntin get FMs in the 300s, etc. Is there something about the Great Plains which encourages short-hop E skip. I never see, for example, New Jersey DXers getting Charlotte or Detroit via E skip. It's probably good (for me) that the season just-up-and-walked-out in June; I already had so much to post, and to report, that the project was awesome and intimidating, and almost became impossible. 73

John Ebeling, 6843 County Road 47, Alborn MN 55702 (218-345-6718)

CDT

Equipment: See July 1992 Western TV-DX.

July 1992		6 Es 1300	CKKX 2 AB	7 Es 1200	KTWO 2 WY 730
1 Es 0130	unid ch 2 Canada	7 Es 0900	unid ch 2 French	1300	KTVQ 2 MT 755
	("CBC Edmonton		unid ch 2 CBS	1330	KXGN 5 MT 565
	Ch 2, Cable 4")		unid ch 2 toons	1800	KBCI 2 ID 1155
6 Es 1100	unid channel 2	0915	KREM 2 WA 1150		MUF to FM
	(Probably AB)	0945	KXLY 4 WA 1140	2000	KETS 2 AR 865



<u>John Ebeling (continued)</u>		12 Es 1050 KREM 2 WA 1150	25 Es 2100 KDTN 2 TX 1020
		1300 WSB 2 GA 1010	Es gone
7 Es 2200 KBCI 2 ID 1155		1300-2200 away	2223 KMOL 4 TX 1260
then fadeout		2200 KKTO 2 NM 1055	
11 Es 0910 unids 2-3 weak		2230 KPRC 2 TX 1215	<u>August 1992</u>
1000 WSB 2 GA 1010	25 Es 2010 unid ch 2 MDT		2 Es 1622 CKKX 2 AB
unids 2-4 weak	2054 KDTN 2 TX 1020		

Dave Pomeroy, 2321 SE Libra Court, Topeka KS 66605-1827 (913-266-5477)

CDT

Equipment:

VHF: Radio Shack VHF/UHF (model unknown). Channel Master 6' UHF parabolic with Radio Shack preamplifier.

July 1992

15 tr 0600-0800	15 tr 0644 <u>K61CW</u> 61 OK <u>260</u>	15 tr 0644 K57-- 57 ??
K67-- 67 ??	(Woodward KFOR- 4)	(Unknown <u>K40DD</u> 40 IL <u>365</u> )
(Unknown KOKH-25)	KTBO 14 OK <u>260</u>	(Gruver <u>K56AY</u> 56 OK <u>305</u> )
<u>K65CO</u> 65 OK <u>260</u>	K14HK 14 KS 170	(Beaver <u>KWET</u> -12)
(Woodward KWTW- 9)	(Great Bend KSAS-24)	K59DA 59 KS 130
<u>K66AB</u> 66 TX <u>345</u>	K53-- 53 ??	(Wichita TBN)
(Perryton KAMR- 4)	(Unknown KCIT-14)	0800 <u>KVII</u> 7 TX <u>425</u>
<u>K58AX</u> 58 OK <u>270</u>	<u>K33CF</u> 33 TX <u>385</u>	KBSD 6 KS 270
(Buffalo <u>KWET</u> -12)	(Wellington KVII- 7)	<u>KCIT</u> 14 TX <u>425</u>
<u>K63CF</u> 63 OK <u>260</u>	<u>K20BR</u> 20 OK <u>285</u>	<u>KAMR</u> 4 TX <u>425</u>
(Woodward KOCO- 5)	(Gage KWTW- 9)	21 Es 1800 KIDK 3 ID 930
<u>K68AD</u> 68 TX <u>345</u>	<u>K45AU</u> 45 TX <u>310</u>	
(Perryton KVII- 7)	(Booker KVII- 7)	<u>August 1992</u>
K69-- 69 ??	K22CP 22 KS 105	4 Es 1700 WWAY 3 NC 1025
(Unknown PBS)	(Salina KAKE-10)	WUND 2 NC 1080
0644 <u>K64AC</u> 64 TX <u>345</u>	<u>K44CC</u> 44 TX <u>365</u>	
(Perryton KFDA-10)	(Gruver KFDA-10)	

Jeff Kruszka, 2824-E Steamship Circle, Harahan LA 70123 (504-733-8539)

CDT

Equipment:

Sylvania 12" black and white, quad loop cut for channel 2, Radio Shack U-75 corner yagi. Mitsubishi HS-U31 VCR.

July 1992

4 Es 1631 WSTM 3 NY 1186	5 tr 0538 <u>KSLS</u> 12 LA 290	6 tr 0545 KXAN 36 TX 454
1700 WMMR 2 MD 1003	0541 <u>KVUE</u> 24 TX 454	0607 unid channel 38
1733 KOAA 5 CO 1003	0552 <u>KMSS</u> 33 LA 290	( See Note # 2 )
KWGN 2 CO 1084	0557 +KTVE 10 AR 247	1920 XHAB 7 TA 526
1841 KKTO 2 NM 1026	0613 <u>KZTV</u> 10 TX 473	2000 XERV 9 TA 559
5 tr 0128 KBMT 12 TX 221	0627 <u>KXXV</u> 25 TX 433	( Like a local )
0158 <u>KSAT</u> 12 TX <u>485</u>	0646 <u>KLTS</u> 24 LA <u>290</u>	2101 KIII 3 TX 474
0248 KTRK 13 TX 318	0648 <u>KLNR</u> 9 TX 491	2215 KENS 5 TX 486
0313 <u>KERA</u> 13 TX <u>438</u>	0650 unid 55 rel west	KZTV 10 TX 473
(Station #200! )	0718 <u>KXAS</u> 5 TX <u>439</u>	7 tr 0552 <u>KBTX</u> 3 TX <u>350</u>
0328 <u>KTVI</u> 11 TX <u>438</u>	0759 KETG 9 AR 322	0553 <u>KLNO</u> 14 TX <u>523</u>
KTBC 7 TX 454	1945 XHAB 7 TA 526	( See Note # 3 )
0400 <u>WFAA</u> 8 TX <u>439</u>	2000 KUHT 8 TX 318	Es 1705 KDLO 3 SD 1112
(Over WVUE)	KFDM 6 TX 226	1710 KMTV 3 NE 849
0431 KENS 5 TX 486	KBMT 12 TX 221	1712 <u>KQTV</u> 2 MD <u>709</u>
0432 KRRT 35 TX 521	( See Note # 1 )	1758 KTCB 2 MN 1055
K21DM LA 130	2158 KIII 3 TX 474	1759 KDLH 3 MN 1167
(Lafayette VJN)	KZTV 10 TX 473	1800 KGAN 2 IA 857
0443 KXAN 36 TX 454	2206 <u>KRGV</u> 5 TX <u>460</u>	8 tr 0555 KLRT 16 AR 361
0500 KIII 3 TX 474	2213 <u>KGBT</u> 4 TX <u>532</u>	0558 KHTV 11 AR 361
0503 KABB 29 TX 486	(Floaters o/WNL)	KETG 9 AR 322
0510 <u>KRBC</u> 9 TX <u>586</u>	2221 <u>XHRI</u> 2 TA <u>526</u>	0628 <u>KATV</u> 7 AR <u>334</u>
(Furthest tropo)	2233 XERV 9 TA 559	0652 <u>KTBS</u> 3 LA <u>290</u>
0512 <u>KLTV</u> 7 TX 346	6 tr 0454 <u>KDAF</u> 33 TX <u>439</u>	0705 <u>KMCT</u> 39 LA <u>290</u>
0525 <u>KTEN</u> 10 OK <u>480</u>	0458 <u>KGBT</u> 4 TX <u>532</u>	0730 KETS 2 AR <u>334</u>
( New tr state )	(Local WWL off )	0737 KRRT 35 TX 521
0528 +KTRE 9 TX 292	0532 KABB 29 TX 486	0827 KTVE 10 AR 247
0533 <u>KLBS</u> 19 TX <u>289</u>	0533 <u>WGBC</u> 30 MS 187	2000 KHOU 11 TX 319
	0544 <u>KVEO</u> 23 TX <u>534</u>	tropo fading

## Jeff Kruszka (continued)

10 tr 0630 KSLA 12 LA 290	10 tr 0630 KLTN 13 LA 191	14-19 away
9 tr 2046 Houston 11,13	11 Es 2029 unids 2,3 brief	20 Es 1800 KBME 3 ND 1281
	12 Es 1000 KACV 2 TX 770	28 Es 2015 unid ch2 Spanish
	1030 KOAA 5 CO 1003	

Note #1 - All locals on these channels were easily being wiped out by the Texas stations. Only local channel 4 was watchable on VHF.

Note #2 - With cartoons, maybe WTTA? Local WNOL inexplicably off!

Note #3 - This is the new one in Llano. Running KXAN-36 news.

The gulf megatropo opening of 7/5-7/8 was one for the record books! I almost missed it, too. I was ready to go to bed the morning of the 5th when I noticed KBMT-12 coming in awfully strong. I decided to see if some of my regulars would then come in and ended up pulling an all-nighter! A high pressure area had set up nicely over the gulf and stayed there the next 4 days! I nearly cleaned up on E and SE Texas. Here I was desperately waiting for station #200, getting an Es station here and there, then I get 20+ new stations in 4 days! Ron LeBlanc (Marrero) did a lot better than me - on the morning of the 8th, he had KOCB 34, KSHB 41, WIBW 13, KTKA 49, and KSNT 27, the latter three at 700 miles! Noting the lack of any big E-skip opening, if it weren't for the tropo opening, this month would have been a lot less exciting.

Fred McCormack, 2384 Teakwood Dr, Maplewood MN 55119-5520

CDT

## Equipment:

General Electric 9" color (Model 09GP103). VHF: Rabbit ears. UHF: Archer Golden-U UHF Indoor Antenna (2 bow-ties).

## July 1992

16 tr 0722 K49CU 49 MN 155  
(Walker KMSP- 9)  
0758 K45DF 45 MN 90  
(Austin STV-CBN)  
0800 K51CY 51 MN 90  
(Austin STV-USA)  
0828 KYNE 26 MN 295  
0843 KPTM 42 NE 310  
0859 K40CO 40 IA 185  
(Storm Lake KMEG-14)  
0900 KHIN 36 IA 270  
0904 K49DB 49 MN 90  
(Austin STV-TBS)  
0909 K57EU 57 MN 90  
(Austin STV-LIF)

## August 1992

4 tr 0759 K32AF 32 MN 95  
(St. James KSTP- 5)  
8 tr 1223 KPTM 42 NE 310  
1359 KYNE 26 NE 295  
KSIN 27 IA 235  
1633 KSFY 13 SD 200  
1759 KDSD 16 SD 230  
9 tr 0128 KDSM 17 IA 215  
0149 KYFC 50 MO 415  
0216 KSPR 33 MO 530  
0300 KDEB 27 MO 535  
0310 KCCI 8 IA 215  
0359 KFME 13 ND 245  
0449 K45AR 45 MN 130  
(Eagle Bend LPTV)

9 tr 0507 WFLD 32 IL 340  
0531 WISN 12 WI 280  
0656 KVRR 15(MN) 195  
0724 K65DT 65 MN 165  
(Walker KVRR-15)  
K67BZ 67 MN 165  
(Walker KARE-11)  
0852 K39CJ 39 MN 180  
(Erhard STV-WGN - 9)  
0855 K18AI 18 MN 165  
(Grand Rapids KVRR-15)  
0920 KDLO 3 SD 225  
1029 WDSE 8 MN 135  
WDIO 10 MN 135

## QSL CORNER (continued from p. 3)

NC WWAY 3 Wilmington, Box 2068, zip 28402. PFC card in 2 weeks from Dan Sullivan, K4GRI (no title). (Ross)

Well, this months reports come from Bruce Elving & Robert Ross. Sorry about missing a few months, as the QSL's reported are all I have to use. I hope more members will report their qsl's soon. I finally got for the computer an video frame grabber that I will use on the video id tape to put more tv station id's soon. I hope to see you at the convention/conference in Sept. 73's till later. *Tom KAT*

**KWWL**  
Iowa's News Channel

UNIVISION 34  
KMEX-TV LOS ANGELES

**2**  
WISN TV

**KIRO** 07

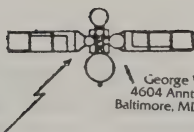
California  
**9**  
KCAL TV  
LOS ANGELES

**14**  
WTKV TV

**9**  
UNIVERSA  
WWOR-TV



# SATELLITE NEWS



George W. Jensen  
4604 Anntana Avenue  
Baltimore, MD 21206-4220

Here is the first of the yearly summaries. Each year I try to present a summary of current satellite usage is 3 areas. Video Services - Audio SubCarriers - SCPC Audio Services. The first - as usual - the Video services - going by each satellite from West to East as seen at this location in the Mid-Atlantic area of the East coast.

## SATCOM C-5 (Aurora 2) - 139 W

17 - Feeds

18 - Feeds

24 - Alaska Satellite TV Project

other transponders used for SCPC and other purposes.

In general - even numbered transponders are directed to Alaska and odd numbered transponders are directed to the continental United States

Odds - Vertical Pol.

Evens - Horizontal Pol.

## SATCOM C-1 - 137 W

Odds are Horizontal Pol.

Evens are vertical Pol.

1 - Hong Kong - Jade Network - Mandarin Chinese for US

2 - KUSA - Ch 9 ABC - Denver, Colorado VC2

3 - KRMA - Ch 6 PBS - Denver, Colorado VC2

4 - Sports Channel Pacific VC2

6 - KMGH - Ch 7 - Denver, Colorado (CBS) VC2

7 - Prime Ticket - Los Angeles VC2

8 - NBC feeds

9 - NBC feeds

10 - AM's - Agnet VC2

PM's - Home Sports Entertainment VC2

13 - Prostar for Sports Bars

14 - KCNC - Ch. 4 NBC - Denver, Colorado VC2

18 - S. T. E. P. educational for classroom use

20 - Sports Channel - Los Angeles VC2

22 - day - Cal-Channel

nights - Prime Sports Northwest VC2

23 - KWGN - Ch. 2 Denver, Colorado VC2

24 - Sunshine Network VC2

## Galaxy 1 - 133 West Odds are horizontal/evens - vert.

the following listing considers the movements to G5

1 - Comedy Central VC2

6 - E. S. P. N. Blackout Channel VC2

8 - Cartoon Network (proposed)

10 - The Movie Channel - East VC2

13 - Country Music Television VC2

14 0 Shop-At-Home

15 - WWOR - ch. 9 - Secaucus, New Jersey (New York)

16 - Showtime - West VC2

19 - Cinemax - East VC2

20 - Galavision

24 - Disney Channel - West VC2

**OTNN**  
THE NASHVILLE NETWORK.

**ESPN**

The **Disney Channel**

**cinemax**



SATCOM F-1 - 131 W Odds - Vertical/evens - Horizontal

This satellite replaces F3 since last review. F1 was originally near where C1 is now located.

- 1 - American Movie Classics VC2
- 2 - The Learning Channel
- 4 - Request TV 2 VC2 (B-Mac proposed)
- 5 - VISN Interfaith
- 7 - Univision
- 8 - QVC Fashion Channel
- 9 - the Travel Channel
- 10 - USA Network West VC2
- 11 - Prime Network Sports VC2
- 12 - Court TV
- 14 - The Family Channel - West VC2
- 15 - E! Entertainment TV
- 17 - Lifetime West VC2
- 18 - New Inspiration Network
- 21 - Request TV 1 VC2 (B-Mac being tested)
- 22 - Home Shopping Club 2
- 24 - Bravo - Nights and Weekends VC2
- RAI USA Italian network from Rome
- Informercials



**RAISAT**

ASC 1 - 128 W Odds - Horizontal/evens - Vertical Pol.

- 2 - Visnews feeds
- 7 - Foxboro Racing L
- 9 - Open Net - various transponders used for this  
North carolina service
- 16 - WBE - World of Better Entertainment
- 21 - BrightStar - washington to London etc. feed
- 22 - Midwest Sports Channel VC2
- ON THE Ku Band
- 8 - Bluffs Run Racing
- 24 - test Pattern MAC
- other transponders used for misc. feeds and teleconferences

G-STAB 4 Ku-Band only - 125 West

- 19V - CNN Checkout Counter News
- 22H - CNN International L
- 23V - CNN Airport Channel
- 26H - TP ID as transponder 7



GALAXY 5 - 125 West Odds - Horizontal/Evens-Vertical

- 1 - The Disney Channel - East VC2
- 3 - Trinity Broadcasting
- 4 - The Sci-Fi Channel VC2 (proposed location)
- 5 - CNN VC2
- 6 - Superstation TBS VC2
- 7 - WGN - Ch. 9 - Chicago, Illinois VC2
- 8 - HBO West VC2
- 9 - E. S. P. N. VC2
- 10 - Shop-At-Home
- 11 - The Family Channel East VC2
- 12 - The Discovery Channel VC2
- 13 - C. N. B. C. VC2
- 14 - The Movie Channel West VC2
- 15 - HBO East VC2
- 16 - Cinemax West VC2
- 18 - T.N.T. VC2
- 19 - USA East VC2
- 20 - B.E.T. Black Entertainment Television
- 21 - Mind Extension University
- 22 - CNN Headline News VC2
- 23 - A & E Arts and Entertainment VC2
- 24 - Showtime East VC2





TELSTAR 303 - 123 West odds-vertical/evens-horizontal

- 1 - TVN Cinema 1 VC2
- 2 - TVN Cinema 2 VC2
- 3 - TVN Cinema 3 VC2
- 4 - TVN Cinema 4 VC2
- 5 - TVN Cinema 5 VC2
- 6 - TVN Cinema 6 VC2
- 7 - TVN Cinema 7 VC2
- 8 - TVN Cinema 8 VC2
- 9 - TVN Cinema 9 VC2
- 13 - feeds
- 17 - Showtime FLIX VC2 (proposed)
- 18 - Fox Network East
- 19 - Showtime 2 VC2
- 20 - TVN Cinema 10 VC2
- 23 - Fox Network West
- 24 - TVN promo channel



**VIACOM**

- S B S 5 - 123 West Ku-Band only
- 4 - MAC feed
  - 14 - TP Bars only
  - 18 - PSN (Personal Satellite Network) MAC
  - 20 - test Card (ID's as 10 H)
  - 28 - MAC
  - 31 - Test card same as 20

SPACENET 1 - 120 West odds - horizontal/evens-vertical

- 4 - Shop-At-Home occasional
- 7 - HSN O/O
- 11 - Hospital Satellite Network occ. O/O
- 13 - Keystone Satellite Network
- 15 - Chancellor Broadcasting AM's weekends (Art Bell)  
MAC programming occ.
- 17 - U. S. Sat Corp. In-Store music OCC video
- 18 - Univision Feeds
- 24 - S. C. O. L. A.

MORELOS F-2 116.5 West Odds-Horizontal/Events-Vertical

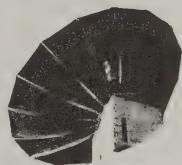
- 8 - XHGC - Ch. 5 - Mexico City
- 9 - XHFM - Ch. 2 - veracruz
- 10 - Feeds
- 11 - recently appeared and unidentified
- 12 - TNT Latin America MAC
- 13 - XEIPN - Ch. 11 - Mexico City
- 14 - XEW - Ch. 2 - mexico City
- 15 - Unidentified MAC
- 16 - ZAS - basically a children's channel
- 17 - ITESM - Instructional television
- 19 - Cable News Service
- 21 - Senal de Prueba
- 23 - Nuestro Cable



ANIK C-3 114.9 West Ku band only  
feeds only - may no longer be in use

MORELOS F-1 113.5 West Odds-Horizontal/Events-Vertical

- 2 - XHMT - Imevision educational PBS type network
- 5 - MAC feeds
- 8 - XHDF - ch 13 - Imevision Mexico City
- 9 - possible new - unid.
- 11 - MAC - MultiDeporte possibly
- 13 - Unid
- 14 - XHTV - ch. 4 - Mexico City ALSO  
XEQ - Ch. 9 - Mexico City
- 18 - feeds



ANIK E-1 111.1 West Odds-Horizontal/Evens-Vertical

- 7 - feeds
- 8 - feeds
- 12 - CTV Network L
- 13 - feeds
- 14 - feeds
- 15 - Vision
- 16 - CTV feeds L
- 17 - Eurotele Canal 5 - Quebec Relay
- 19 - NCTV Northern Canada Television - Yellowknife and IQALIUT - Northwest Territories
- 20 - Canadian Home Shopping Club
- 23 - Brightside Television - late nights only  
NCTV feeds occasionally
- 24 - CTV Network L

The Ku side of E-1 is used primarily for news feeds and other events - CBC World News Channel is usually found on XPDR 20.

ANIK E-2 107.3 West Odds-Horizontal/Evens-Vertical

- 1 - The Weather Network
- 2 - TSN - The Sports Network 0/0
- 3 - feeds
- 4 - First Choice VC2
- 5 - feeds
- 6 - MuchMusic
- 7 - CBC feeds
- 8 - CHCH - Ch. 11 - Hamilton, Ontario 0/0
- 9 - WDIV - Ch. 4 - Detroit, Michigan 0/0
- 10 - WXYZ - Ch. 7 - Detroit, Michigan 0/0
- 11 - CBC North Pacific Yukon feeds
- 12 - Global Network news feeds
- 13 - Super Channel 0/0
- 14 - CFTM - Ch. 10 - Montreal, Quebec
- 15 - CBC French Network feeds
- 16 - CBC World News Service 0/0
- 17 - CBC North Labrador-Newfoundland feeds
- 18 - CITV - Ch. 13 - Edmonton, Alberta 0/0
- 19 - CBC North Atlantic Territories service
- 20 - CBMT - Ch. 6 - Montreal, Quebec
- 21 - WTVS - Ch. 56 - Detroit, Michigan 0/0
- 22 - CHAN - Ch. 8 - Vancouver, British Columbia 0/0
- 23 - WJBK - Ch. 2 - Detroit, Michigan 0/0
- 24 - CBC House of Commons Coverage



**Global**  
Television  
CANWEST GLOBAL SYSTEM

**CBC TV**  
Toronto

ON THE KuBAND side of this satellite are the following

- 6 - Super Ecran North beam VC2
- 8 - Musique plus North beam
- 10 - Radio Quebec (CIVM ch. 17 Montreal, Quebec) East
- 12 - TV Quatre Saisons (CFJP ch. 35 Montreal) East beam
- 16 - ROS - Réseau des Sports VC2 East beam
- 18 - TV Ontario - French East beam
- 20 - TV Ontario - English (CICA Ch. 19 Toronto) East
- 22 - Canal Famille VC2 East beam
- 24 - Ontario Legislature
- 26 - YTV East beam
- 28 - Family Channel VC2 East beam
- 32 - ASN - Atlantic Satellite Network (Halifax) East



G-STAR 2 105 West Ku Band only  
used primarily for news feeds and teleconferences.  
This is a good source for breaking major news  
stories of a local nature

G-STAR 1 103 West Ku Band only

20 - National Technological University MAC and Video  
Compression

27 - Hospital Satellite Network O/O

This bird is also a good source for breaking local  
major news stories covered by local TV remote units

SPACENET 4 101 West Odds-Horizontal/Evens-Vertical

6 - PBS - B

8 - PBS - A

9 - Three Angels

10 - PBS - C

12 - PBS - D

Ku-Band is used primarily for news feeds and tele-  
conferences - though it seems quite inactive at this end

S B S - 6 99 West KuBand only

11 - ID Test Card

28 - Conus news feeds

rest is used primarily for news feeds and teleconferences

GALAXY 6 99 West Odds-Horizontal/Evens-vertical

5 - feeds

6 - Shepherd's Chapel/National Christian Network

7 - feeds

8 - Catholic Television Network of America O/O

14 - Family Network

15 - World Harvest television WHMB Ch 40 Indianapolis,  
Indiana

17 - AFEN - American Family Entertainment Network

18 - ABC network and others to Japan L occ.

19 - Swissair News feed

except for the 1st 4 transponders, the rest of this  
satellite is used for both domestic and international  
feeds

S B S 2 97 West KuBand only

This bird is in inclined orbit - reception varies greatly

24 - NBC News Channel

28 - News feeds

NBC uses this bird a great deal.....

TELSTAR 301 96 West Odds-Vertical/Evens-Horizontal

Most transponders are used for many programming  
distribution feeds

2 - CBS VC1

3 - Warner Brothers

4 - ABC West L

6 - ABC L

7 - CBS VC1

9 - Warner Brothers/Paramount etc. feeds

10 - ABC L

11 - ABC L

12 - ABC L

20 - TBS New York

S B S 3 95 West Ku Band only - probably in inclined  
orbit

Most feeds are in MAC system and are for Holiday Inns  
Satellite Cinema PPV - CNN, ESPN, Showtime etc.



**GLOBO TV**  
NETWORK - BRAZIL



**WARNER BROS.**  
DOMESTIC TELEVISION  
DISTRIBUTION  
A Time Warner Company

**CONTINUED NEXT MONTH!**

# SPECIAL REPORT

THE STRANGEST SUMMER IN E-SKIP HISTORY BRINGS NO DX AND RECORD DX AT THE SAME TIME! Summer of 1992 will be remembered among VHF DXing enthusiasts as one that featured long quiet periods between openings in North America. It did not behave anything like an E-skip season usually can be expected to. Summer weather was bizarre, too, with Mount Pinatubo's eruption getting most of the blame for cold weather in the East and Midwest. What isn't readily apparent though, is the reason for the way that atmospheric jetstreams behaved this season. The Pacific Northwest literally FRIED under unusually high temperatures, and rain fell in record amounts in the Ohio Valley. Pinatubo takes the rap for short term cooling, but how do you explain the weird jetstream activity? That's what ionospheric researchers are asking themselves right now, because E-skip patterns vary from summer to summer in a way that often parallels jetstream variations.

But what happened this June seems to be incredible. European DX publications and amateur radio VHF circles are astounded by reports of incredible multi-hop E-skip, reaching 108 MHz and higher, straight across the Atlantic for hours on June 22, and possibly briefly (and much weaker) on July 19th. By far, the session that everyone is talking about was the June 22nd super opening. It may go down in the record books along with the "all time greatest" sporadic-E events.

Two things are worth noting when pondering all this. First of all, these transAtlantic E-skip sessions did take place on days which were notable for having little or no skip on the "usual" paths, as DXer Larry Curcio points out in his July V.U.D. article. Secondly, as has been noted many times by DXpeditioners, a location on or near the Atlantic coast of North America was of paramount importance. Although, some of this skip did reach as far west as central New York and Ontario/Quebec on 50 MHz.

If any WIFDAers were in on any of the transAtlantic E-skip—which will long be remembered as the high point of an otherwise very poor E-skip season—please, TELL US ABOUT IT! If you saw or heard anything out of the ordinary, please report it. This activity may go down into the record books with the all-time "greats," such as the October, 1970 "world E-skip opening" cited by the late Mel Wilson in his landmark E-skip research.

—Bill Thompson

## ATTENTION: DUES INCREASE LIKELY NEXT MONTH!



OCTOBER'S VHF-UHF DIGEST WILL DETAIL NEW CLUB DUES RATES, PENDING APPROVAL OF THE BOARD OF DIRECTORS.

THOSE RENEWING BY **OCTOBER 1st** CAN GET A MAXIMUM OF ONE YEAR'S RENEWAL AT CURRENT DUES RATES OF \$17 PER YEAR IN THE U.S., (\$19 U.S. TO CANADA, \$27 ELSEWHERE)

W.T.F.D.A - P.O. BOX 514 - BUFFALO NY 14205-0514 U.S.A.



# STATION BREAK

WTFDA Stationbreak  
P.O. Box 514  
Buffalo, NY 14205-0514

WTFDA member ads only. Items may be edited to conserve space.

**LOGOS WANTED** - Channel 2 through 6 TV station logos wanted for joint project of WTFDA and Monitoring Times magazine. Logos will be used to compile maps for each channel to aid E-skip DXers to identify stations. Include an SASE to receive finished product for free. Canadian, Mexican, and Caribbean stations especially wanted. Station catch phrases also useful. (i.e. "Newscenter 6") Mail to: TV DX Maps - 980 Broadway - Box 115 - Thornwood NY 10594

**FOR SALE** - Cable Television type hybrid amplifiers, 18 and 22 dB gain. Most cover 40 - 600 MHz or 0.5 to 200 MHz. (Great for HF) All have 5 dB or less NF and excellent distortion performance. (These dudes do not overload!) 24 Volts DC, 200 mA needed, you supply connectors. \$10 each includes S & H plus "How To" sheet. (Specify bandwidth needed) Postal Money Orders only. Please write: Jerry Monroe - 3135 Falls Road - Marcellus NY 13108

**FOR SALE** - Yamaha TX 930 AM/FM tuner, super DX machine AM and FM. Tunes in .01 MHz steps on FM / 1 kHz steps AM. IF has been modified (very selective, no distortion), excellent sound quality, 2 antenna inputs, 24 presets, alpha-numeric display, includes remote control. New cost \$450, asking \$325. Bill Nollman - 35 Nye Road - Glastonbury CT 06033 (203) 633-2883

YOUR non-commercial ad can appear in the VUD free of charge! This feature appears on a space available basis. WTFDA and the VHF-UHF DIGEST assume no responsibility for any claims made by advertisers.

## NEW IRCA AM-FM ALMANAC UPDATERS ARE NOW AVAILABLE!

The International Radio Club of America has published the fifth in the series of updaters to its 1991 IRCA AM-FM Almanac.

Updater 5.5 features 1992 baseball networks, Spanish networks (CBS Hispanic, Hispano USA, Spanish Information Service), Interstate Radio Network, and 11 pages of AM slogan updates.

Updater 5.6, due for publication in September, will feature "Talk Networks 1992," a complete guide to radio talk, with schedules, formats, indexes by title and host, and all available station listings.

Updater 5.7 is planned for October, featuring NFL and college football. Both 5.6 and 5.7 can be ordered in advance.

The first four updaters are still available:

Updater 5.1 - 6 page Almanac index, 11 page AM slogan updater, silent station update, network updates (CBS, NBC, etc.).

Updater 5.2 - revised AM listings for Satellite Music Network and Unistar/Transtar, talk show updates, network updates (BRN, CNN, etc.), complete 1991 baseball including 4 pages of minor leagues.

Updater 5.3 - Rush Limbaugh talk show list, updates of Travelers Information Service and Highway Advisory Radio stations on 530 and 1610 kHz, 1991 NFL and college football, 1991-92 NHL hockey.

Updater 5.4 - Updates to ABC, AP, UPI, and USA networks, ESPN and SEN sports-talk networks, Canadian nighttime music networks, 1991-92 NBA and college basketball, network updates.

Future updaters will appear as needed, 4 to 5 times per year.

Revisions are in the works for major networks. You'll be able to get these in the updaters in advance of the next Almanac revision, currently planned for late 1992 or early 1993.

Readers interested in particular items (sports, slogans, FM, etc.) can choose to order the updaters covering their choice of items, or we can notify you by postcard as they become available.

20 pages each, \$2 each to U.S. or Canada, \$3 elsewhere, payable to IRCA in U.S. funds. You may order as many as you wish, past, present, or future. Order from Bill Hardy, 2301 Pacific Ave., Aberdeen, WA, 98520. Thank you!



## WORLDWIDE TV-FM DX ASSOCIATION

POST OFFICE BOX 514-BUFFALO, NY 14205-0514-U.S.A.



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